APPENDIX B1

AIR QUALITY ANALYSIS

HERITAGE VALLEY BUSINESS CENTER

Air Quality Analysis

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LIST OF ABBREVIATED TERMS

µg/m^3	Microgram per Cubic Meter
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
1993 CEQA Handbook	SCAQMD's CEQA Air Quality Handbook (1993)
2016-2040 RTP/SCS	2016-2040 Regional Transportation Plan/Sustainable Communities Strategy
AB 2595	California Clean Air Act
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AQIA	Air Quality Impact Analysis
AQMP	Air Quality Management Plan
BACT	Best Available Control Technology
BC	Black Carbon
Brief	Brief of Amicus Curiae by the SCAQMD in the Friant Ranch Case
C_2Cl_4	Perchloroethylene
C_4H_6	1,3-butadiene
C_6H_6	Benzene
C_2H_3Cl	Vinyl Chloride
C_2H_4O	Acetaldehyde
CAA	Federal Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen	California Green Building Standards Code
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CEQA Guidelines	2019 CEQA Statute and Guidelines
CH_2O	Formaldehyde
City	City of Menifee
CO	Carbon Monoxide
COH	Coefficient of Haze
COHb	Carboxyhemoglobin
Cr(VI)	Chromium
EC	Elemental Carbon
EIR	Environmental Impact Report
EMFAC	Emissions FACtor Model
EPA	Environmental Protection Agency
EV	Electric Vehicle

GHG	Greenhouse Gas
H_2S	Hydrogen Sulfide
HI	Hazard Index
hp	Horsepower
lbs	Pounds
lbs/day	Pounds Per Day
LST	Localized Significance Threshold
LST Methodology	Final Localized Significance Threshold Methodology
MCY	Motorcycles
MICR	Maximum Individual Cancer Risk
MM	Mitigation Measures
mph	Miles Per Hour
MWELO	California Department of Water Resources' Model Water Efficient
N_2	Nitrogen
N_2O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NO	Nitric Oxide
NO_2	Nitrogen Dioxide
NO_X	Nitrogen Oxides
O_2	Oxygen
O_3	Ozone
O_2 Deficiency	Chronic Hypoxemia
ODC	Ozone Depleting Compounds
Pb	Lead
PM	Particulate Matter
PM_{10}	Particulate Matter 10 microns in diameter or less
$PM_{2.5}$	Particulate Matter 2.5 microns in diameter or less
ppm	Parts Per Million
Project	Heritage Valley Business Center
RECLAIM	Regional Clean Air Incentives Market
ROG	Reactive Organic Gases
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
sf	Square Feet
SIPs	State Implementation Plans
SO_2	Sulfur Dioxide
SO_4	Sulfates
SO_X	Sulfur Oxides
SRA	Source Receptor Area
TAC	Toxic Air Contaminant

Title 24	California Building Code
TITLE I	Non-Attainment Provisions
TITLE II	Mobile Sources Provisions
TRU	Transport Refrigeration Unit
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds

EXECUTIVE SUMMARY

ES.1 SUMMARY OF FINDINGS

The results of this Heritage Valley Business Center Air Quality Impact Analysis (AQIA) are summarized below based on the significance criteria in Section 4 of this report consistent with Appendix G of the CEQA Guidelines (CEQA Guidelines) (1). Table ES-1 shows the findings of significance for each potential air quality impact under CEQA before and after any required mitigation measures (MM) described below.

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS

Analysis	Report Section	Significance Findings	
		Unmitigated	Mitigated
Regional Construction Emissions	4.4	*Potentially Significant*	*Less Than Significant*
Localized Construction Emissions	4.6	*Less Than Significant*	*n/a*
Regional Operational Emissions	4.5	*Less Than Significant*	*n/a*
Localized Operational Emissions	4.6	*Less Than Significant*	*n/a*
CO "Hot Spot" Analysis	4.7	*Less Than Significant*	*n/a*
Air Quality Management Plan	4.8	*Potentially Significant*	*Less Than Significant*
Sensitive Receptors	4.10	*Less Than Significant*	*n/a*
Odors	4.11	*Less Than Significant*	*n/a*
Cumulative Impacts	4.12	*Less Than Significant*	*n/a*

ES.2 REGULATORY REQUIREMENTS

There are numerous requirements that development projects must comply with by law, and that were put in place by federal, State, and local regulatory agencies for the improvement of air quality. Any operation or activity that might cause the emission of any smoke, fly ash, dust, fumes, vapors, gases, or other forms of air pollution, which can cause damage to human health, vegetation, or other forms of property, or can cause excessive soiling on any other parcel shall conform to the requirements of the South Coast Air Quality Management District (SCAQMD). SCAQMD Rules that are currently applicable to this Project are described below.

SCAQMD Rule 402

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

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

SCAQMD Rule 403

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

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

SCAQMD Rule 1113

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

SCAQMD Rule 1301

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

SCAQMD Rule 1401

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

ES.3 Project Mitigation Measures

Unmitigated Project construction-source VOC emissions would exceed applicable SCAQMD regional significance thresholds. The following measure (MM AQ-1) is designed to reduce construction source VOC emissions. With implementation of MM AQ-1, construction-source VOC emissions would not exceed the applicable SCAQMD regional significance threshold. Thus, with mitigation, Project construction-source emissions would result in a less than significant impact.

MM AQ-1

To reduce VOC emissions associated with architectural coating, the Project designer and contractor shall reduce the use of paints and solvents by utilizing pre-coated materials (e.g., bathroom stall dividers, metal awnings), materials that do not require painting, and require coatings and solvents with a VOC content lower than required under Rule 1113 to be utilized. The construction contractor shall be required to utilize "Super-Compliant" VOC paints, which are defined in SCAQMD's Rule 1113. Construction specifications shall be included in building specifications that assure these requirements are implemented. The specifications shall be reviewed by the City of Menifee's Building and Safety Department for compliance with this mitigation measure prior to issuance of the Project's building permit.

1 INTRODUCTION

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

1.1 SITE LOCATION

The Project site is located generally south of Ethanac Road, east of Trumble Road, and west of Sherman Road in the City of Menifee. The Project is bound by vacant land to the east, south, and west, and commercial uses to the north, as shown in Exhibit 1-A.

1.2 PROJECT DESCRIPTION

The project proposes to construct an approximately 829,755 square foot industrial building on a 41.16-acre site. The industrial building will consist of approximately 10,000 square feet of office space and approximately 749,755 square feet of warehouse/distribution space as well as up to 80,000 square feet of high-cube cold storage use. The proposed development will have 503 parking spaces and 258 trailer parking spaces along with onsite landscaping improvements and associated offsite improvements. As part of the project a General Plan, Zone Change, and Specific Plan Amendment will be processed in conjunction with the proposed industrial building. The change proposed to switch the land use designation of APNs 331-110-024, 025, and 026 from Heavy Industrial (HI) to Specific Plan (SP), more specifically the Menifee North SP Planning Area 2, to create cohesive development standards.

The Project site consists of ten parcels (APNs: 331-110-023, 024, 025, 026, 027, 031, 035, 038, 039, and 041) and is located generally south of Ethanac Road, north of McLaughlin, east of Trumble Road, and west of Sherman Road in the City of Menifee. The Project is bound by vacant land to the east, south, and west, and commercial uses to the north, as shown in Exhibit 1-A.

EXHIBIT 1-A: LOCATION MAP

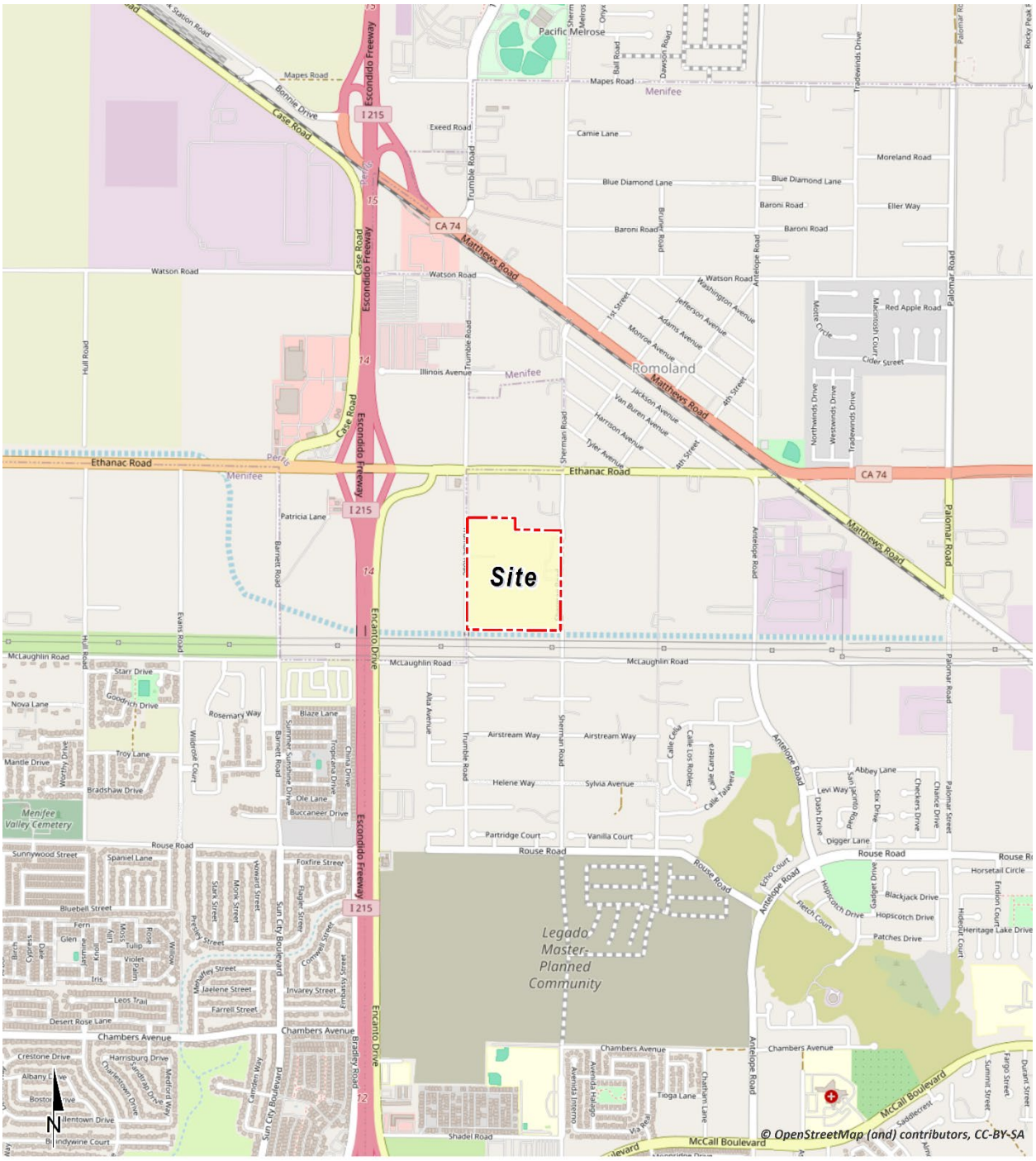
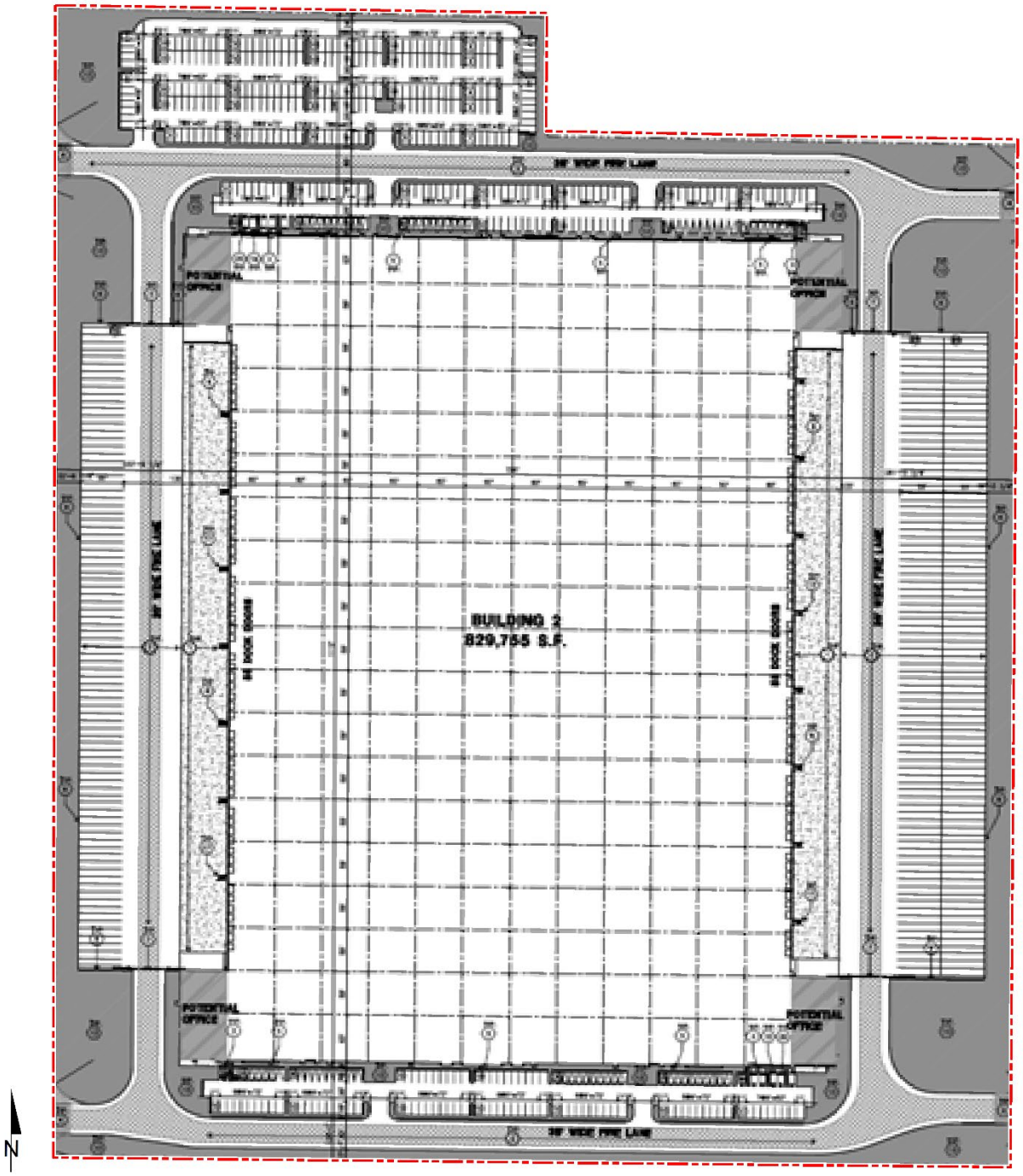


EXHIBIT 1-B: SITE PLAN



2 AIR QUALITY SETTING

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

2.1 SOUTH COAST AIR BASIN

The Project site is located in the South Coast Air Basin (SCAB) within the jurisdiction of SCAQMD (2). The SCAQMD was created by the 1977 Lewis-Presley Air Quality Management Act, which merged four county air pollution control bodies into one regional district. Under the Act, the SCAQMD is responsible for bringing air quality in areas under its jurisdiction into conformity with federal and state air quality standards. As previously stated, the Project site is located within the SCAB, a 6,745 square-mile subregion of the SCAQMD, which includes the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties, and all of Orange County. The SCAB is bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east, and the San Diego Air Basin to the south.

2.2 REGIONAL CLIMATE

The regional climate has a substantial influence on air quality in the SCAB. In addition, the temperature, wind, humidity, precipitation, and amount of sunshine influence the air quality. The annual average temperatures throughout the SCAB vary from the low to mid 60s (degrees Fahrenheit °[F]). Due to a decreased marine influence, the eastern portion of the SCAB shows greater variability in average annual minimum and maximum temperatures. January is the coldest month throughout the SCAB, with average minimum temperatures of 47°F in downtown Los Angeles and 36°F in San Bernardino. All portions of the SCAB have recorded maximum temperatures above 100°F.

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

More than 90% of the SCAB's rainfall occurs from November through April. The annual average rainfall varies from approximately nine inches in Riverside to fourteen inches in downtown Los Angeles. Monthly and yearly rainfall totals are extremely variable. Summer rainfall usually consists of widely scattered thunderstorms near the coast and slightly heavier shower activity in the eastern portion of the SCAB with frequency being higher near the coast. Due to its generally clear weather, about three-quarters of available sunshine is received in the SCAB. The remaining one-quarter is absorbed by clouds. The ultraviolet portion of this abundant radiation is a key factor in photochemical reactions. On the shortest day of the year, there are approximately 10 hours of possible sunshine, and on the longest day of the year, there are approximately 14½ hours of possible sunshine.

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

In the SCAB, there are two distinct temperature inversion structures that control vertical mixing of air pollution. During the summer, warm high-pressure descending (subsiding) air is undercut by a shallow layer of cool marine air. The boundary between these two layers of air is a persistent marine subsidence/inversion. This boundary prevents vertical mixing which effectively acts as an impervious lid to pollutants over the entire SCAB. The mixing height for the inversion structure is normally situated 1,000 to 1,500 feet above mean sea level. A second inversion-type forms in conjunction with the drainage of cool air off the surrounding mountains at night followed by the seaward drift of this pool of cool air. The top of this layer forms a sharp boundary with the warmer air aloft and creates nocturnal radiation inversions. These inversions occur primarily in the winter when nights are longer and onshore flow is weakest. They are typically only a few hundred feet above mean sea level. These inversions effectively trap pollutants, such as nitrogen oxides (NO_X) and carbon monoxide (CO) from vehicles, as the pool of cool air drifts seaward. Winter is therefore a period of high levels of primary pollutants along the coastline.

2.3 Wind Patterns and Project Location

The distinctive climate of the Project area and the SCAB is determined by its terrain and geographical location. The SCAB is located in a coastal plain with connecting broad valleys and low hills, bounded by the Pacific Ocean in the southwest quadrant with high mountains forming the remainder of the perimeter. Wind patterns across the south coastal region are characterized by westerly and southwesterly onshore winds during the day and easterly or northeasterly breezes at night. Winds are characteristically light although the speed is somewhat greater during the dry summer months than during the rainy winter season.

2.4 Air Pollutants

2.4.1 Criteria Pollutants

Air quality regulations were first promulgated with the Federal Clean Air Act (CAA) of 1970. Air quality is defined by ambient air concentrations of seven "criteria air pollutants," which are a group of common air pollutants identified by the United States Environmental Protection Agency (U.S.

EPA) to be of concern with respect to the health and welfare of the general public. Federal and State governments regulate criteria air pollutants by using ambient standards based on criteria regarding the health and/or environmental effects of each pollutant. The seven "criteria" air pollutants defined by the U.S. EPA are: (1) carbon monoxide (CO); (2) sulfur dioxide (SO_2); (3) nitrogen dioxide (NO_2); (4) ozone (O_3); (5) respirable particulate matter with a diameter of 10 microns or less (PM_{10}), (6) fine particulate matter with a diameter of 2.5 microns or less ($PM_{2.5}$), and (7) lead (Pb). Criteria pollutants are pollutants that are regulated through the development of human health based and/or environmentally based criteria for setting permissible levels. Criteria pollutants, their typical sources, and health effects are identified below (3).

TABLE 2-1: CRITERIA POLLUTANTS (1 OF 7)

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

TABLE 2-1: CRITERIA POLLUTANTS (2 OF 7)

Criteria Pollutant	Description	Sources	Health Effects
SO_2 (Continued)	mainly as a result of burning high sulfur-content fuel oils and coal and from chemical processes occurring at chemical plants and refineries. When SO_2 oxidizes in the atmosphere, it forms SO_4. Collectively, these pollutants are referred to as sulfur oxides (SO_X).	refineries, diesel engines	in some asthmatics, all of whom are sensitive to its effects. In asthmatics, increase in resistance to air flow, as well as reduction in breathing capacity leading to severe breathing difficulties, are observed after acute exposure to SO_2. In contrast, healthy individuals do not exhibit similar acute responses even after exposure to higher concentrations of SO_2. Animal studies suggest that despite SO_2 being a respiratory irritant, it does not cause substantial lung injury at ambient concentrations. However, very high levels of exposure can cause lung edema (fluid accumulation), lung tissue damage, and sloughing off of cells lining the respiratory tract. Some population-based studies indicate that the mortality and morbidity effects associated with fine particles show a similar association with ambient SO_2 levels. In these studies, efforts to separate the effects of SO_2 from those of fine particles have not been successful. It is not clear whether the two pollutants act synergistically, or one pollutant alone is the predominant factor.

TABLE 2-1: CRITERIA POLLUTANTS (3 OF 7)

Criteria Pollutant	Description	Sources	Health Effects
NO_2	NO_2 is a key component of nitrogen oxides (NO_X), which also includes nitric oxide (NO) and nitrous oxide (N_2O). NO_X compounds are primarily produced during combustion processes when nitrogen (N_2) reacts with oxygen (O_2). Both NO and NO_2 serve as precursors in the formation of O_3 and $PM_{2.5}$, making their monitoring crucial for air quality assessments. NO_2, being the more abundant form of NO_X in the atmosphere, has a relatively short lifespan of one to seven days, which enhances its significance as a major air pollutant. As a criteria air pollutant, NO_2 poses various health risks, including respiratory issues and increased vulnerability to infections. It also absorbs blue light, imparting a brownish-red hue to the atmosphere and contributing to reduced visibility and smog formation. Given that NO emissions largely convert to NO_2, the examination of NO_X emissions becomes essential when assessing potential air quality impacts. The concentrations of NO_2 are closely related to traffic density, often resulting in higher exposure levels for commuters in heavy traffic compared to what regional monitoring stations may indicate.	Any source that burns fuel such as automobiles, trucks, heavy construction equipment, farming equipment and residential heating.	Population-based studies suggest that an increase in acute respiratory illness, including infections and respiratory symptoms in children (not infants), is associated with long-term exposure to NO_2 at levels found in homes with gas stoves, which are higher than ambient levels found in Southern California. Increase in resistance to air flow and airway contraction is observed after short-term exposure to NO_2 in healthy subjects. Larger decreases in lung functions are observed in individuals with asthma or chronic obstructive pulmonary disease (e.g., chronic bronchitis, emphysema) than in healthy individuals, indicating a greater susceptibility of these sub-groups. In animals, exposure to levels of NO_2 considerably higher than ambient concentrations result in increased susceptibility to infections, possibly due to the observed changes in cells involved in maintaining immune functions. The severity of lung tissue damage associated with high levels of O_3 exposure increases when animals are exposed to a combination of O_3 and NO_2.
O_3	O_3 is a highly reactive and unstable gas that is formed when VOCs and NO_X, both	Formed when ROGs and NO_X react in the	Individuals exercising outdoors, children, and people with preexisting lung

TABLE 2-1: CRITERIA POLLUTANTS (4 OF 7)

Criteria Pollutant	Description	Sources	Health Effects
O_3 (Continued)	byproducts of internal combustion engine exhaust, undergo slow photochemical reactions in the presence of sunlight. O_3 concentrations are generally highest during the summer months when direct sunlight, light wind, and warm temperature conditions are favorable to the formation of this pollutant.	presence of sunlight. ROG sources include any source that burns fuels, (e.g., gasoline, natural gas, wood, oil) solvents, petroleum processing and storage and pesticides.	disease, such as asthma and chronic pulmonary lung disease, are considered to be the most susceptible sub-groups for O_3 effects. Short-term exposure (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes. Elevated O_3 levels are associated with increased school absences. In recent years, a correlation between elevated ambient O_3 levels and increases in daily hospital admission rates, as well as mortality, has also been reported. An increased risk for asthma has been found in children who participate in multiple outdoor sports and reside in communities with high O_3 levels. O_3 exposure under exercising conditions is known to increase the severity of the responses described above. Animal studies suggest that exposure to a combination of pollutants that includes O_3 may be more toxic than exposure to O_3 alone. Although lung volume and resistance changes observed after a single exposure

TABLE 2-1: CRITERIA POLLUTANTS (5 OF 7)

Criteria Pollutant	Description	Sources	Health Effects
O_3 (Continued)			diminish with repeated exposures, biochemical and cellular changes appear to persist, which can lead to subsequent lung structural changes.
Particulate Matter	PM_{10}: A major air pollutant consisting of tiny solid or liquid particles of soot, dust, smoke, fumes, and aerosols. Particulate matter pollution is a major cause of reduce visibility (haze) which is caused by the scattering of light and consequently the significant reduction air clarity. The size of the particles (10 microns or smaller, about 0.0004 inches or less) allows them to easily enter the lungs where they may be deposited, resulting in adverse health effects. Additionally, it should be noted that PM_{10} is considered a criteria air pollutant. $PM_{2.5}$: A similar air pollutant to PM_{10} consisting of tiny solid or liquid particles which are 2.5 microns or smaller (which is often referred to as fine particles). These particles are formed in the atmosphere from primary gaseous emissions that include SO_4 formed from SO_2 release from power plants and industrial facilities and nitrates that are formed from NO_X release from power plants, automobiles, and other types of combustion sources. The chemical composition of fine particles highly depends on location, time of year, and	Sources of PM_{10} include road dust, windblown dust and construction. Also formed from other pollutants (acid rain, NO_X, SO_X, organics). Incomplete combustion of any fuel. $PM_{2.5}$ comes from fuel combustion in motor vehicles, equipment, and industrial sources, residential and agricultural burning. Also formed from reaction of other pollutants (acid rain, NO_X, SO_X, organics).	A consistent correlation between elevated ambient fine particulate matter (PM_{10} and $PM_{2.5}$) levels and an increase in mortality rates, respiratory infections, number and severity of asthma attacks and the number of hospital admissions has been observed in different parts of the United States and various areas around the world. In recent years, some studies have reported an association between long-term exposure to air pollution dominated by fine particles and increased mortality, reduction in lifespan, and an increased mortality from lung cancer. Daily fluctuations in $PM_{2.5}$ concentration levels have also been related to hospital admissions for acute respiratory conditions in children, to school and kindergarten absences, to a decrease in respiratory lung volumes in normal children, and to increased medication use in children and adults with asthma. Recent studies show lung function growth in children is reduced with long term exposure to particulate matter.

TABLE 2-1: CRITERIA POLLUTANTS (6 OF 7)

Criteria Pollutant	Description	Sources	Health Effects
Particulate Matter (Continued)	weather conditions. $PM_{2.5}$ is a criteria air pollutant.		The elderly, people with pre-existing respiratory or cardiovascular disease, and children appear to be more susceptible to the effects of high levels of PM_{10} and $PM_{2.5}$.
Pb	Pb is a heavy metal that is highly persistent in the environment and is considered a criteria pollutant. In the past, the primary source of Pb in the air was emissions from vehicles burning leaded gasoline. The major sources of Pb emissions are ore and metals processing, particularly Pb smelters, and piston-engine aircraft operating on leaded aviation gasoline. Other stationary sources include waste incinerators, utilities, and lead-acid battery manufacturers. It should be noted that the Project does not include operational activities such as metal processing or Pb acid battery manufacturing. As such, the Project is not anticipated to generate a quantifiable amount of Pb emissions.	Metal smelters, resource recovery, leaded gasoline, deterioration of Pb paint.	Fetuses, infants, and children are more sensitive than others to the adverse effects of Pb exposure. Exposure to low levels of Pb can adversely affect the development and function of the central nervous system, leading to learning disorders, distractibility, inability to follow simple commands, and lower intelligence quotient. In adults, increased Pb levels are associated with increased blood pressure. Pb poisoning can cause anemia, lethargy, seizures, and death; although it appears that there are no direct effects of Pb on the respiratory system. Pb can be stored in the bone from early age environmental exposure, and elevated blood Pb levels can occur due to breakdown of bone tissue during pregnancy, hyperthyroidism (increased secretion of hormones from the thyroid gland) and osteoporosis (breakdown of bony tissue). Fetuses and breast-fed babies can be exposed to higher levels of Pb because of previous

TABLE 2-1: CRITERIA POLLUTANTS (7 OF 7)

Criteria Pollutant	Description	Sources	Health Effects
Pb (Continued)			environmental Pb exposure of their mothers.

2.4.2 Additional Pollutants

The SCAQMD's primary focus is to achieve the National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) for criteria pollutants. However, it also has a broader mandate to control emissions of air contaminants and safeguard public health. As a result, SCAQMD regulates additional pollutants beyond criteria pollutants, including reactive organic gases (ROGs), VOCs, and odors. Additional pollutants, their typical sources, and health effects are identified below (3).

TABLE 2-2: ADDITIONAL POLLUTANTS (1 OF 2)

Pollutant	Description	Sources	Health Effects
VOC	VOCs are hydrocarbon compounds (any compound containing various combinations of hydrogen and carbon atoms) that exist in the ambient air. VOCs contribute to the formation of smog through atmospheric photochemical reactions and/or may be toxic. Compounds of carbon (also known as organic compounds) have different levels of reactivity; that is, they do not react at the same speed or do not form O_3 to the same extent when exposed to photochemical processes. VOCs often have an odor, and some examples include gasoline, alcohol, and the solvents used in paints. Exceptions to the VOC designation include CO, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate. VOCs are a criteria pollutant since they are a precursor to O_3, which is a	Organic chemicals are widely used as ingredients in household products. Paints, varnishes, and wax all contain organic solvents, as do many cleaning, disinfecting, cosmetic, degreasing and hobby products. Fuels are made up of organic chemicals. All of these products can release organic compounds while you are using them, and, to some degree, when they are stored.	Breathing VOCs can irritate the eyes, nose, and throat, can cause difficulty breathing and nausea, and can damage the central nervous system as well as other organs. Some VOCs can cause cancer. Not all VOCs have all these health effects, though many have several.

TABLE 2-2: ADDITIONAL POLLUTANTS (2 OF 2)

Pollutant	Description	Sources	Health Effects
VOC (Continued)	criteria pollutant. The terms VOC and ROG (see below) interchangeably.		
ROG	Similar to VOC, ROGs are also precursors in forming O_3 and consist of compounds containing methane, ethane, propane, butane, and longer chain hydrocarbons, which are typically the result of some type of combustion/decomposition process. Smog is formed when ROG and NO_X react in the presence of sunlight. ROGs are a criteria pollutant since they are a precursor to O_3, which is a criteria pollutant. The terms ROG and VOC (see previous) interchangeably.	Sources similar to VOCs.	Health effects similar to VOCs.
Odor	Odor means the perception experienced by a person when one or more chemical substances in the air come into contact with the human olfactory nerves (4).	Odors can come from many sources including animals, human activities, industry, natures, and vehicles.	Offensive odors can potentially affect human health in several ways. First, odorant compounds can irritate the eye, nose, and throat, which can reduce respiratory volume. Second, studies have shown that the VOCs that cause odors can stimulate sensory nerves to cause neurochemical changes that might influence health, for instance, by compromising the immune system. Finally, unpleasant odors can trigger memories or attitudes linked to unpleasant odors, causing cognitive and emotional effects such as stress.

2.5 EXISTING AIR QUALITY

Existing air quality is measured at established SCAQMD air quality monitoring stations. Monitored air quality is evaluated in the context of ambient air quality standards. These standards are the levels of air quality that are considered safe, with an adequate margin of safety, to protect the public health and welfare. National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) currently in effect are shown in Table 2-3 (5).

The determination of whether a region's air quality is healthful or unhealthful is determined by comparing contaminant levels in ambient air samples to the state and federal standards. At the time of this AQIA, the most recent state and federal standards were updated by CARB on July 16, 2024, and are presented in Table 2-3. The air quality in a region is considered to be in attainment by the state if the measured ambient air pollutant levels for O_3, CO (except 8-hour Lake Tahoe), SO_2 (1 and 24 hour), NO_2, PM_{10}, and $PM_{2.5}$ are not to be exceeded. All others are not to be equaled or exceeded. It should be noted that the three-year period is presented for informational purposes and is not the basis for how the state assigns attainment status. Attainment status for a pollutant means that the SCAQMD meets the standards set by the EPA or the California EPA (CalEPA). Conversely, nonattainment means that an area has monitored air quality that does not meet the NAAQS or CAAQS standards. In order to improve air quality in nonattainment areas, a State Implementation Plan (SIP) is drafted by CARB. The SIP outlines the measures that the state will take to improve air quality. Once nonattainment areas meet the standards and additional redesignation requirements, the EPA will designate the area as a maintenance area (6).

TABLE 2-3: AMBIENT AIR QUALITY STANDARDS (1 OF 2)

Ambient Air Quality Standards						
Pollutant	Averaging Time	California Standards [1]		National Standards [2]		
		Concentration [3]	Method [4]	Primary [3,5]	Secondary [3,6]	Method [7]
Ozone (O_3)[8]	1 Hour	0.09 ppm (180 µg/m^3)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m^3)		0.070 ppm (137 µg/m^3)		
Respirable Particulate Matter (PM10)[9]	24 Hour	50 µg/m^3	Gravimetric or Beta Attenuation	150 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m^3		—		
Fine Particulate Matter (PM2.5)[9]	24 Hour	—	—	35 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m^3	Gravimetric or Beta Attenuation	9.0 µg/m^3	15.0 µg/m^3	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m^3)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m^3)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m^3)		9 ppm (10 mg/m^3)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m^3)		—	—	
Nitrogen Dioxide (NO_2)[10]	1 Hour	0.18 ppm (339 µg/m^3)	Gas Phase Chemiluminescence	100 ppb (188 µg/m^3)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m^3)		53 ppb (100 µg/m^3)	Same as Primary Standard	
Sulfur Dioxide (SO_2)[11]	1 Hour	0.25 ppm (655 µg/m^3)	Ultraviolet Fluorescence	75 ppb (196 µg/m^3)	—	Ultraviolet Flourescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m^3)	
	24 Hour	0.04 ppm (105 µg/m^3)		0.14 ppm (for certain areas)[11]	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas)[11]	—	
Lead[12,13]	30 Day Average	1.5 µg/m^3	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m^3 (for certain areas)[12]	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m^3		
Visibility Reducing Particles[14]	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m^3	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m^3)	Ultraviolet Fluorescence			
Vinyl Chloride[12]	24 Hour	0.01 ppm (26 µg/m^3)	Gas Chromatography			

See footnotes on next page ...

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TABLE 2-3: AMBIENT AIR QUALITY STANDARDS (2 OF 2)

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

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

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

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

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

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

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

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

9. On February 7, 2024, the national annual PM2.5 primary standard was lowered from 12.0 $\mu g/m^3$ to 9.0 $\mu g/m^3$. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at 35 $\mu g/m^3$, as was the annual secondary standard of 15.0 $\mu g/m^3$. The existing 24-hour PM10 standards (primary and secondary) of 150 $\mu g/m^3$ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

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

11. On June 2, 2010, a new 1-hour SO_2 standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
    Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

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

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

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

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2.6 REGIONAL AIR QUALITY

Air pollution contributes to a wide variety of adverse health effects. The EPA has established NAAQS for seven of the most common air pollutants: CO, Pb, O_3, PM_{10}, $PM_{2.5}$, NO_2, and SO_2 which are known as criteria pollutants. The SCAQMD monitors levels of various criteria pollutants at 35 permanent monitoring stations and 2 single-pollutant source Pb air monitoring sites throughout the air district (7). On January 25, 2024, CARB adopted the proposed 2023 amendments to the state and national area designations. See Table 2-4 for attainment designations for the SCAB (8). Appendix 2.1 provides geographic representation of the state and federal attainment status for applicable criteria pollutants within the SCAB.

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

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

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

2.7 LOCAL AIR QUALITY

The SCAQMD has designated general forecast areas and air monitoring areas (referred to as Source Receptor Areas [SRA]) throughout the district in order to provide information regarding air quality conditions to Southern California residents. The Project site is located within SRA 24. However, there are no monitoring stations located within SRA 24 that provides air quality conditions in the area. As such the following stations will be used to report air quality data for O_3, CO, NO_2, PM_{10}, and $PM_{2.5}$.

- SRA 25 (Lake Elsinore Area) located 9.17 miles southwest of the Project – O_3, CO, NO_2, and PM_{10}
- SRA 23 (Metropolitan Riverside County 1) located 23.4 miles northwest of the Project – $PM_{2.5}$

Data from the Metropolitan Riverside County 1 monitoring station was utilized only in instances where data was not available from the Lake Elsinore Area monitoring station.

The most recent three (3) years of data available is shown in Table 2-5 and identifies the number of days ambient air quality standards were exceeded for the study area, which is considered to be representative of the local air quality at the Project site. Data for O_3, CO, NO_2, PM_{10}, and $PM_{2.5}$ for 2022 through 2024 was obtained from the SCAQMD Air Quality Data Tables (9). Additionally, data for SO_2 has been omitted as attainment is regularly met in the SCAB and few monitoring stations measure SO_2 concentrations.

TABLE 2-5: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2022-2024

Pollutant	Standard	Year		
		2022	2023	2024
O_3				
Maximum Federal 1-Hour Concentration (ppm)		0.121	0.120	0.117
Maximum Federal 8-Hour Concentration (ppm)		0.091	0.103	0.099
Number of Days Exceeding State 1-Hour Standard	> 0.09 ppm	17	10	21
Number of Days Exceeding State/Federal 8-Hour Standard	> 0.070 ppm	37	35	51
CO				
Maximum Federal 1-Hour Concentration	> 35 ppm	0.9	1.3	1.8
Maximum Federal 8-Hour Concentration	> 20 ppm	0.6	0.7	1.0
NO_2				
Maximum Federal 1-Hour Concentration	> 0.100 ppm	0.037	0.042	0.045
Annual Federal Standard Design Value		0.007	0.007	0.007
PM_{10}				
Maximum Federal 24-Hour Concentration (µg/m^3)	> 150 µg/m^3	91	186	81
Annual Federal Arithmetic Mean (µg/m^3)		19.8	20.8	25.5
Number of Days Exceeding Federal 24-Hour Standard	> 150 µg/m^3	0	1	0
Number of Days Exceeding State 24-Hour Standard	> 50 µg/m^3	1	5	16
$PM_{2.5}$				
Maximum Federal 24-Hour Concentration (µg/m^3)	> 35 µg/m^3	38.5	48.7	63.5
Annual Federal Arithmetic Mean (µg/m^3)	> 12 µg/m^3	10.80	10.47	12.09
Number of Days Exceeding Federal 24-Hour Standard	> 35 µg/m^3	1	1	5

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

2.8 REGULATORY BACKGROUND

2.8.1 Federal Regulations

The EPA is responsible for setting and enforcing the NAAQS for O_3, CO, NO_X, SO_2, PM_{10}, and Pb (10). The EPA has jurisdiction over emissions sources that are under the authority of the federal government including aircraft, locomotives, and emissions sources outside state waters (Outer Continental Shelf). The EPA also establishes emission standards for vehicles sold in states other than California. Automobiles sold in California must meet the stricter emission requirements of CARB. The Federal Clean Air Act (CAA) was first enacted in 1955 and has been amended numerous times in subsequent years (1963, 1965, 1967, 1970, 1977, and 1990). The CAA establishes the federal air quality standards, the NAAQS, and specifies future dates for achieving compliance (11). The CAA also mandates that states submit and implement SIPs for local areas not meeting these standards. These plans must include pollution control measures that demonstrate how the standards will be met.

The 1990 amendments to the CAA that identify specific emission reduction goals for areas not meeting the NAAQS require a demonstration of reasonable further progress toward attainment and

incorporate additional sanctions for failure to attain or to meet interim milestones. The sections of the CAA most directly applicable to the development of the Project site include Title I (Non-Attainment Provisions) and Title II (Mobile Source Provisions) (12) (13). Title I provisions were established with the goal of attaining the NAAQS for the following criteria pollutants O_3, NO_2, SO_2, PM_{10}, CO, $PM_{2.5}$, and Pb. The NAAQS were amended in July 1997 to include an additional standard for O_3 and to adopt a NAAQS for $PM_{2.5}$. Table 2-4 (previously presented) provides the NAAQS within the SCAB. Mobile source emissions are regulated in accordance with Title II provisions. These provisions require the use of cleaner burning gasoline and other cleaner burning fuels such as methanol and natural gas. Automobile manufacturers are also required to reduce tailpipe emissions of hydrocarbons and NO_X. NO_X is a collective term that includes all forms of NO_X which are emitted as byproducts of the combustion process.

2.8.2 California Regulations

CARB

CARB, which became part of CalEPA in 1991, is responsible for ensuring implementation of the California Clean Air Act (AB 2595), responding to the federal CAA, and for regulating emissions from consumer products and motor vehicles. AB 2595 mandates achievement of the maximum degree of emissions reductions possible from vehicular and other mobile sources in order to attain the state ambient air quality standards by the earliest practical date. CARB established the CAAQS for all pollutants for which the federal government has NAAQS and, in addition, establishes standards for SO_4, visibility, hydrogen sulfide (H_2S), and vinyl chloride (C_2H_3Cl). However, at this time, H_2S and C_2H_3Cl are not measured at any monitoring stations in the SCAB because they are not considered to be a regional air quality problem. Generally, the CAAQS are more stringent than the NAAQS (14) (10). Local air quality management districts, such as the SCAQMD, regulate air emissions from stationary sources such as commercial and industrial facilities. All air pollution control districts have been formally designated as attainment or non-attainment for each CAAQS.

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

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

Title 24 Energy Efficiency Standards and California Green Building Standards

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

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

The 2022 California Title 24 Energy Standards became effective on January 1, 2023, with updates for the 2025 standards set to take effect on January 1, 2026. As the Project is expected to be completed in 2028, it will need to comply with the Title 24 Energy Standards in effect at that time, which may include further updates beyond the 2025 version.

CALGreen is updated on a regular basis, with the most recent approved update consisting of the 2025 California Green Building Code Standards that go into effect on January 1, 2026. The Project would be required to comply with the applicable standards in place at the time plan check submittals are made.

2.8.3 Regional Regulations

Air Quality Management Plan

Currently, the NAAQS and CAAQS are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of AQMP to meet the state and federal ambient air quality standards (15). AQMPs are updated regularly to ensure an effective reduction in emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy. A detailed discussion on the AQMP and Project consistency with the AQMP is provided in Section 4.8.

2.9 Regional Air Quality Improvement

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

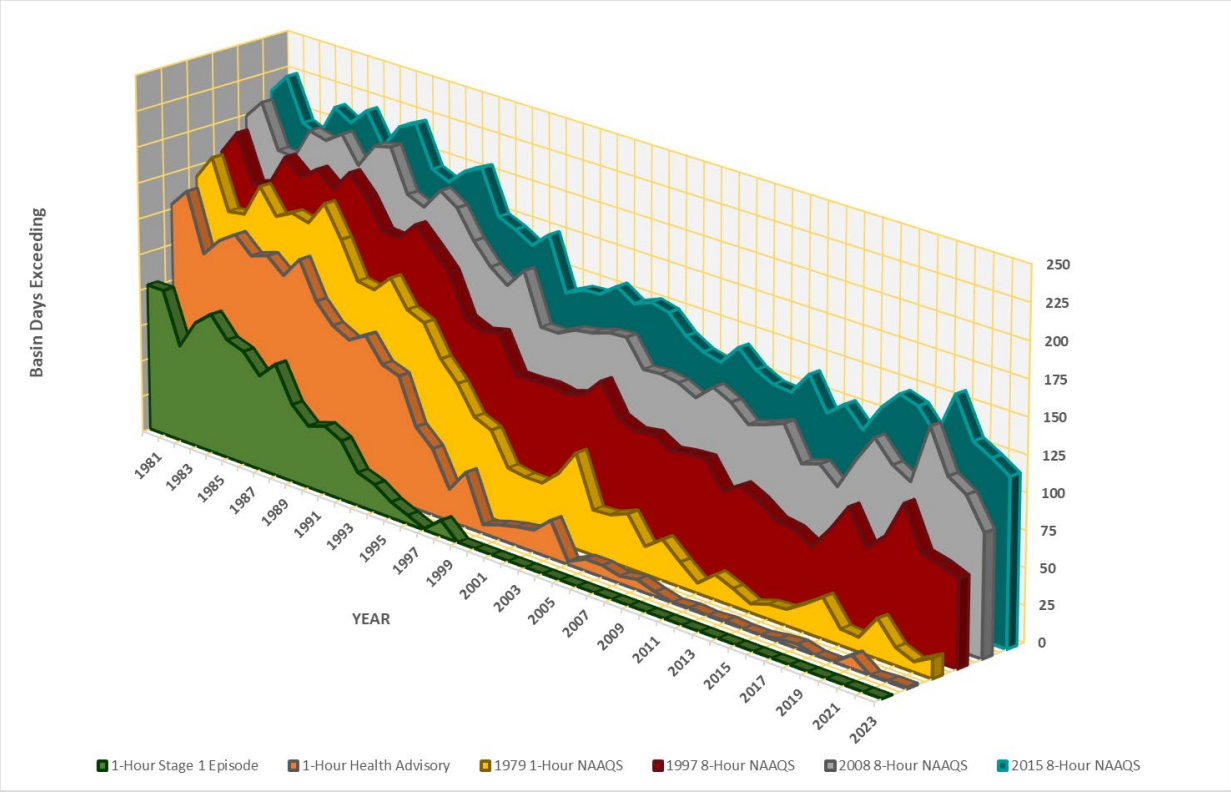
SCAQMD rule development through the 1970s and 1980s resulted in dramatic improvement in SCAB air quality. Nearly all control programs developed through the early 1990s relied on (i) the development and application of cleaner technology; (ii) add-on emission controls, and (iii) uniform CEQA review throughout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

As discussed above, the SCAQMD is the lead agency charged with regulating air quality emission reductions for the entire SCAB. SCAQMD created AQMPs which represent a regional blueprint for

achieving healthful air on behalf of the 16 million residents of the SCAB. The 2012 AQMP states, "the remarkable historical improvement in air quality since the 1970s is the direct result of Southern California's comprehensive, multiyear strategy of reducing air pollution from all sources as outlined in its AQMPs" (16).

Emissions of O_3, NO_X, VOC, and CO have been decreasing in the SCAB since 1975 and are projected to continue to decrease through 2023 (17). These decreases result primarily from motor vehicle controls and reductions in evaporative emissions. Although vehicle miles traveled (VMT) in the SCAB continue to increase, NO_X and VOC levels are decreasing because of the mandated controls on motor vehicles and the replacement of older polluting vehicles with lower-emitting vehicles. NO_X emissions from electric utilities have also decreased due to use of cleaner fuels and renewable energy. O_3 contour maps show that the number of days exceeding the 8-hour NAAQS has generally decreased between 1980 and 2023. For 2023, there was an overall decrease in exceedance days compared with the 1980 period. As shown in Table 2-6, O_3 levels in the SCAB have decreased substantially over the last 30 years with the current maximum measured concentrations being approximately one-third of concentrations within the late 70s (18).

TABLE 2-6: SCAB O_3 TREND

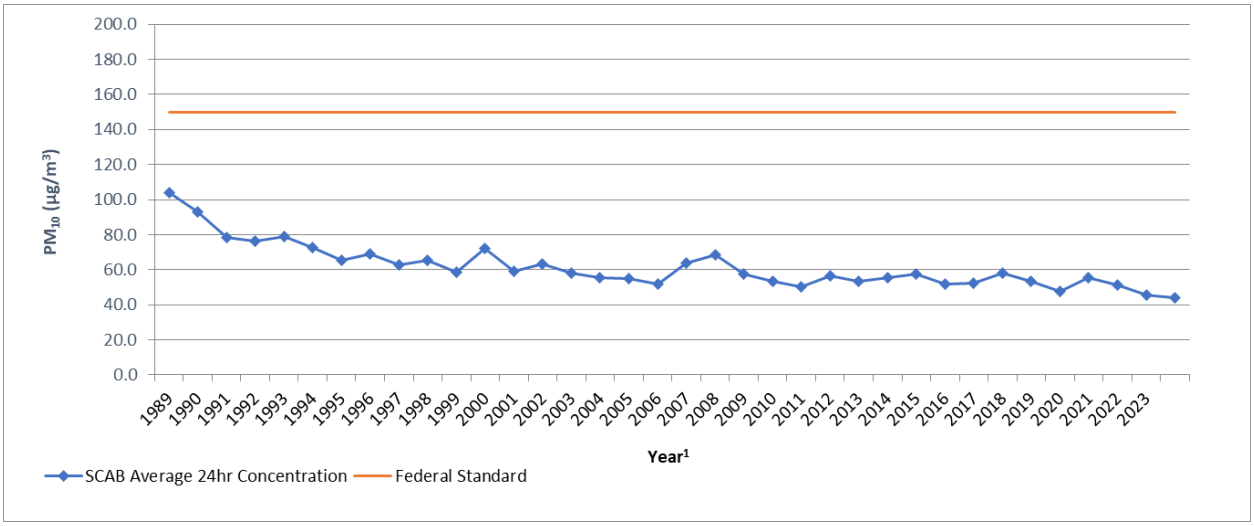


Source: 2024 SCAQMD, Historical O_3 Air Quality Trends (1976-2023)

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

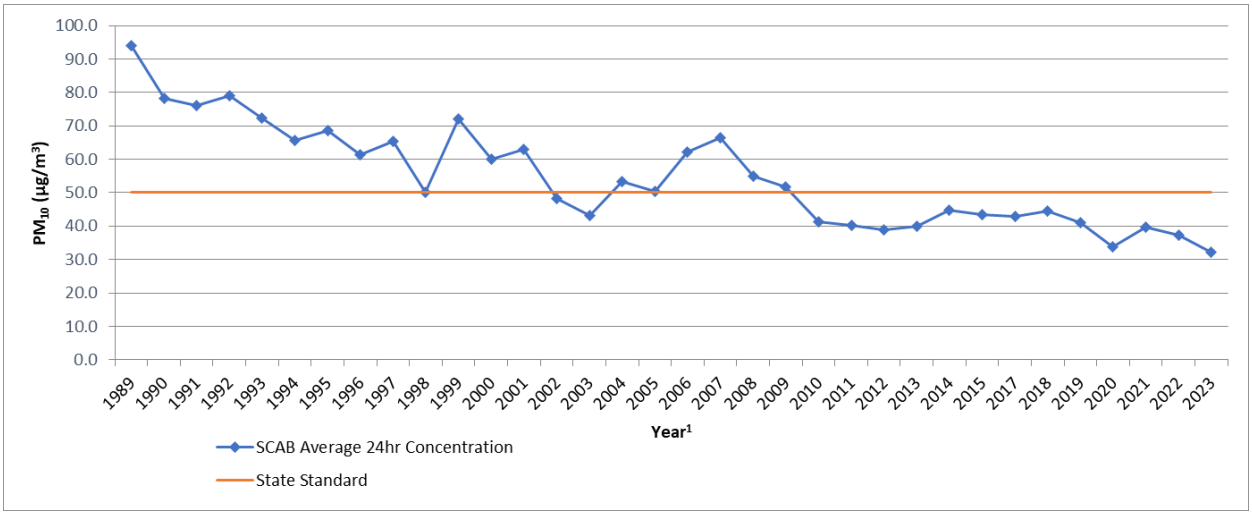
As with other pollutants, the most recent PM_{10} statistics show an overall improvement as illustrated in Tables 2-7 and 2-8. During the period for which data are available (1988-2023), the 24-hour national annual average concentration for PM_{10} decreased by approximately 57%, from 103.7 microgram per cubic meter (µg/m³) in 1988 to 44.1 µg/m³ in 2023 (19). Although the values are below the federal standard, it should be noted that there are days within the year where the concentrations would exceed the threshold. The 24-hour state annual average for emissions for PM_{10}, have decreased by approximately 66%, from 93.9 µg/m³ in 1989 to 32.1 µg/m³ in 2023 (19). Although data in the late 1990s show some variability, this is probably due to the advances in meteorological science rather than a change in emissions. Similar to the ambient concentrations, the calculated number of days above the 24-hour PM_{10} standards has also shown an overall drop.

TABLE 2-7: SCAB AVERAGE 24-HOUR CONCENTRATION PM_{10} TREND (FEDERAL)[1]



Source: 2024 CARB, iADAM: Top Four Summary: PM_{10} 24-Hour Averages (1988-2023)
[1] Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

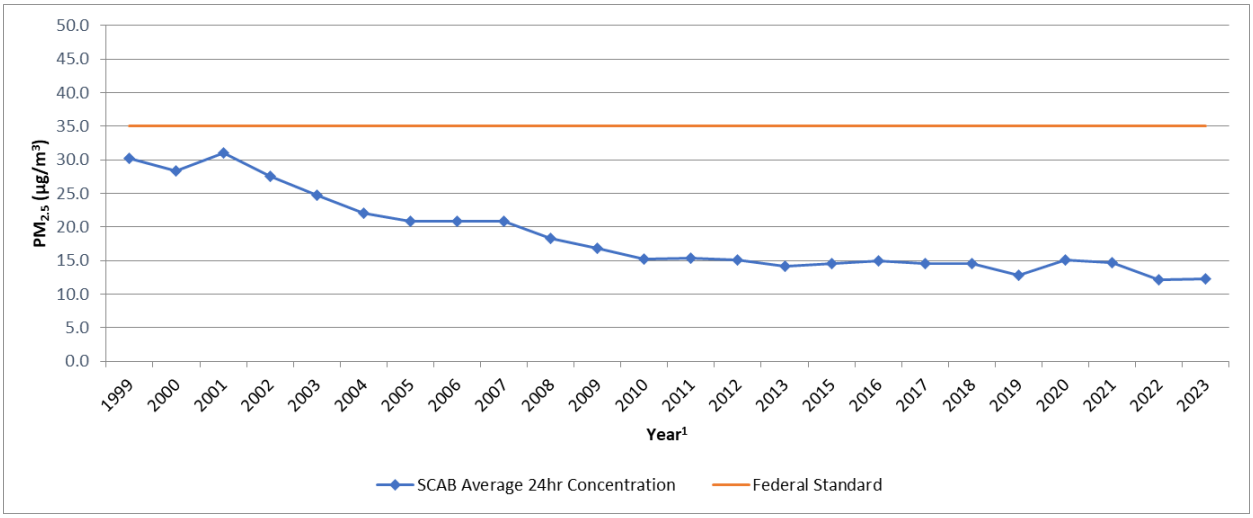
TABLE 2-8: SCAB AVERAGE 24-HOUR CONCENTRATION PM_{10} TREND (STATE)[1]



Source: 2024 CARB, iADAM: Top Four Summary: PM_{10} 24-Hour Averages (1989-2023)
[1] Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

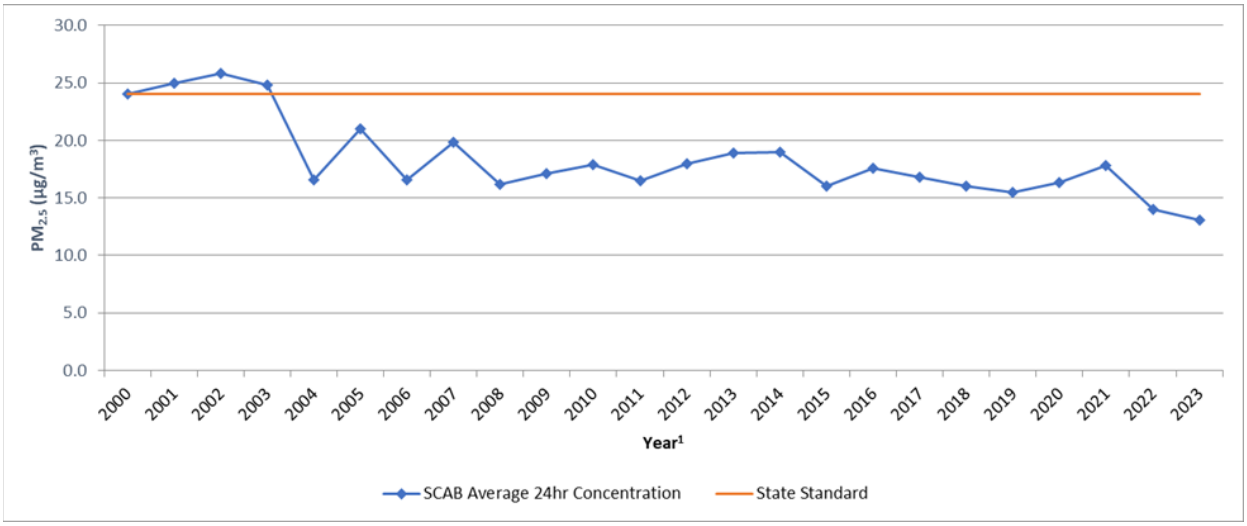
Tables 2-9 and 2-10 show the most recent 24-hour average and annual $PM_{2.5}$ concentrations in the SCAB. Overall, the national and state annual average concentrations have decreased by almost 59% and 45% respectively (19). It should be noted that the SCAB is currently designated as nonattainment for the state and federal $PM_{2.5}$ standards.

TABLE 2-9: SCAB AVERAGE 24-HOUR CONCENTRATION $PM_{2.5}$ TREND (FEDERAL)[1]



Source: 2024 CARB, iADAM: Top Four Summary: $PM_{2.5}$ 24-Hour Averages (1988-2023)
[1] Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

TABLE 2-10: SCAB AVERAGE 24-HOUR CONCENTRATION $PM_{2.5}$ TREND (STATE)[1]



Source: 2024 CARB, iADAM: Top Four Summary: $PM_{2.5}$ 24-Hour Averages (1999-2023)
[1] Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

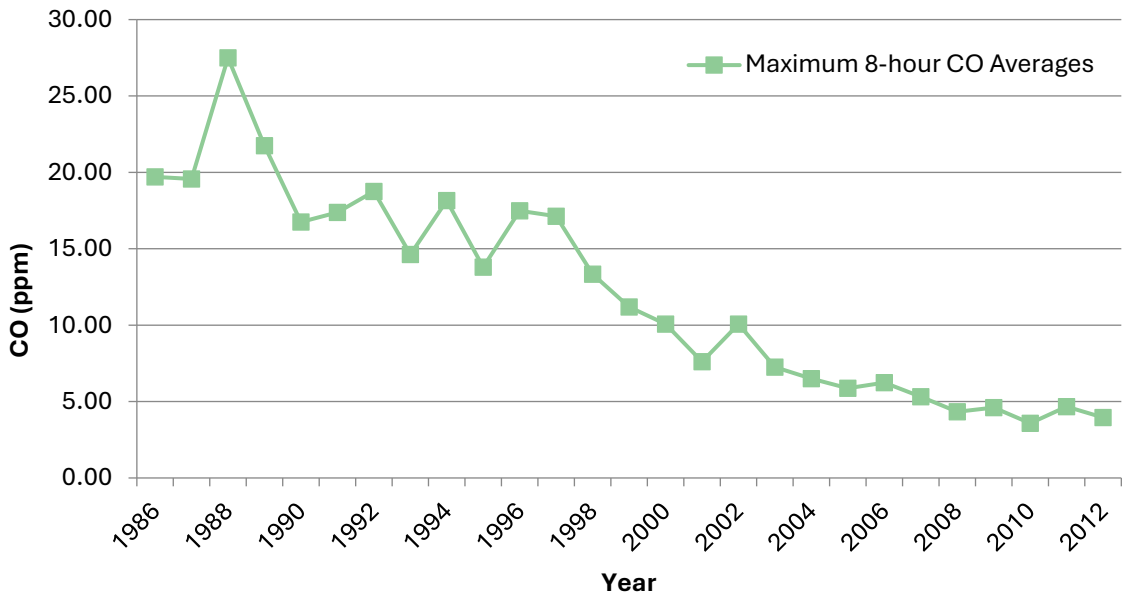
While the 2012 AQMP PM_{10} attainment demonstration and the 2015 associated supplemental SIP submission indicated that attainment of the 24-hour standard was predicted to occur by the end of 2015, it could not anticipate the effect of the ongoing drought on the measured $PM_{2.5}$. The 2006 to 2010 base period used for the 2012 attainment demonstration had near-normal rainfall. While the trend of $PM_{2.5}$-equivalent emission reductions continued through 2015, the severe drought conditions contributed to the $PM_{2.5}$ increases observed after 2012. As a result of the disrupted progress toward attainment of the federal 24-hour $PM_{2.5}$ standard, SCAQMD submitted a request and the EPA approved, in January 2016, a "bump up" to the nonattainment classification from "moderate" to "serious," with a new attainment deadline as soon as practicable, but not beyond

December 31, 2019. As of March 14, 2019, the EPA approved portions of a SIP revision submitted by California to address CAA requirements for the 2006 24-hour $PM_{2.5}$ NAAQS in the Los Angeles-SCAB Serious $PM_{2.5}$ nonattainment area. The EPA also approved 2017 and 2019 motor vehicle emissions budgets for transportation conformity purposes and inter-pollutant trading ratios for use in transportation conformity analyses (20).

In December 2022, the SCAQMD released the Final 2022 AQMP. The 2022 AQMP continues to evaluate current integrated strategies and control measures to meet the NAAQS, as well as explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (21). Similar to the 2016 AQMP, the 2022 AQMP incorporates scientific and technological information and planning assumptions, including the 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy (2020-2045 RTP/SCS) and updated emission inventory methodologies for various source categories (22).

The most recent CO concentrations in the SCAB are shown in Table 2-11 (19). CO concentrations in the SCAB have decreased markedly — a total decrease of more about 80% in the peak 8-hour concentration from 1986 to 2012. It should be noted 2012 is the most recent year where 8-hour CO averages and related statistics are available in the SCAB. The number of exceedance days has also declined. The entire SCAB is now designated as attainment for both the state and national CO standards. Ongoing reductions from motor vehicle control programs should continue the downward trend in ambient CO concentrations.

TABLE 2-11: SCAB 8-HOUR AVERAGE CONCENTRATION CO TREND[1]

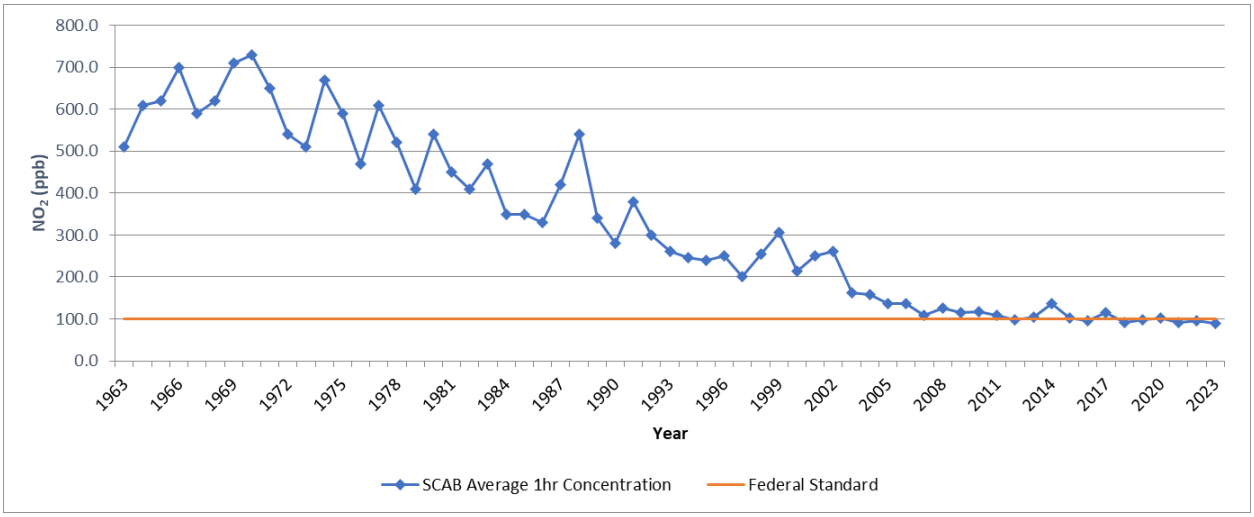


Source: 2024 CARB, iADAM: Top Four Summary: CO 8-Hour Averages (1986-2012)
[1] The most recent year where 8-hour concentration data is available is 2012.

Part of the control process of the SCAQMD's duty to greatly improve the air quality in the SCAB is the uniform CEQA review procedures recommended in the SCAQMD's *CEQA Air Quality Handbook (1993)* (*1993 CEQA Handbook*) (23). The single threshold of significance used to assess Project direct and cumulative impacts has in fact "worked" as evidenced by the track record of the air quality in the SCAB dramatically improving over the course of the past decades. As stated by the SCAQMD, the SCAQMD's thresholds of significance are based on factual and scientific data and are therefore appropriate thresholds of significance to use for this Project.

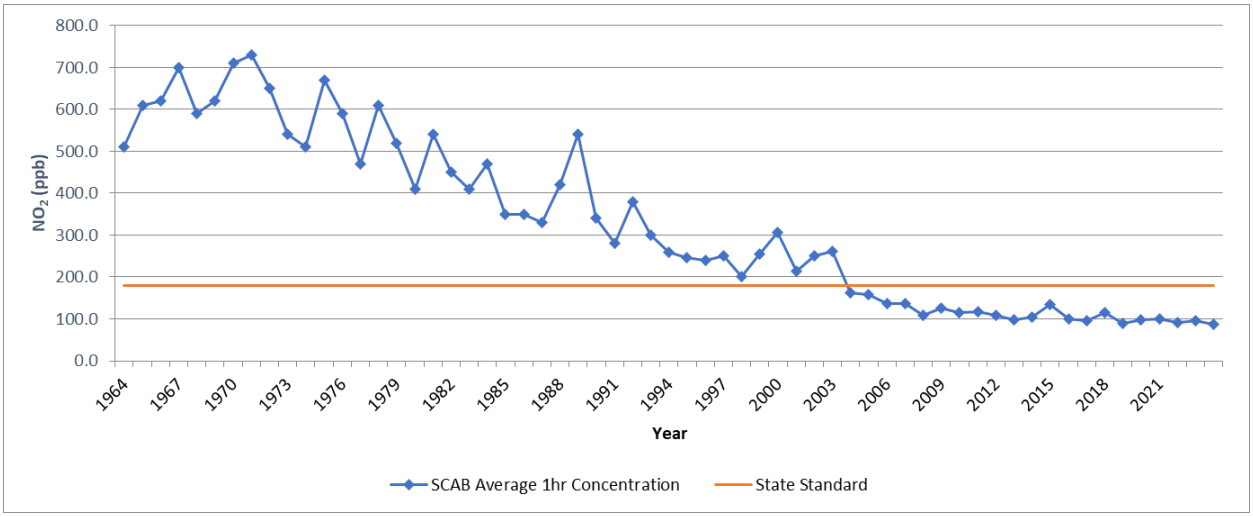
The most recent NO_2 data for the SCAB is shown in Tables 2-12 and 2-13 (19). Over the last 50 years, NO_2 values have decreased significantly; the peak 1-hour national and state averages for 2023 is approximately 83% lower than what it was during 1963. The SCAB attained the State 1-hour NO_2 standard in 1994, bringing the entire state into attainment. A new state annual average standard of 0.030 ppm was adopted by CARB in February 2007 (24). The new standard is just barely exceeded in the SCAB. NO_2 is formed from NO_X emissions, which also contribute to O_3. As a result, the majority of the future emission control measures would be implemented as part of the overall O_3 control strategy. Many of these control measures would target mobile sources, which account for more than three-quarters of California's NO_X emissions. These measures are expected to bring the SCAB into attainment of the state annual average standard.

TABLE 2-12: SCAB 1-HOUR AVERAGE CONCENTRATION NO_2 TREND (FEDERAL)



Source: 2024 CARB, iADAM: Top Four Summary: CO 1-Hour Averages (1963-2023)

TABLE 2-13: SCAB 1-HOUR AVERAGE CONCENTRATION NO_2 TREND (STATE)



Source: 2024 CARB, iADAM: Top Four Summary: CO 1-Hour Averages (1963-2023)

2.9.1 Toxic Air Contaminants (TAC) Trends

In 1984, as a result of public concern for exposure to airborne carcinogens, CARB adopted regulations to reduce the amount of TAC emissions resulting from mobile and area sources, such as cars, trucks, stationary sources, and consumer products. According to the *Ambient and Emission Trends of Toxic Air Contaminants in California* journal article (25) which was prepared for CARB, results show that between 1990-2012, ambient concentration and emission trends for the seven TACs responsible for most of the known cancer risk associated with airborne exposure in California have declined significantly (between 1990 and 2012). The seven TACs studied include those that are derived from mobile sources: diesel particulate matter (DPM), benzene (C_6H_6), and 1,3-butadiene (C_4H_6); those that are derived from stationary sources: perchloroethylene (C_2Cl_4) and hexavalent chromium (Cr(VI)); and those derived from photochemical reactions of emitted VOCs: formaldehyde (CH_2O) and acetaldehyde (C_2H_4O).[1] The decline in ambient concentration and emission trends of these TACs are a result of various regulations CARB has implemented to address cancer risk.

2.9.2 Mobile Source TACs

CARB introduced two programs that aimed at reducing mobile emissions for light and medium duty vehicles through vehicle emissions controls and cleaner fuel. In California, light-duty vehicles sold after 1996 are equipped with California's second-generation On-Board Diagnostic (OBD-II) system. The OBD-II system monitors virtually every component that can affect the emission performance of the vehicle to ensure that the vehicle remains as clean as possible over its entire life and assists repair technicians in diagnosing and fixing problems with the computerized engine controls. If a problem is detected, the OBD-II system illuminates a warning lamp on the vehicle instrument panel to alert the driver. This warning lamp typically contains the phrase "Check Engine" or "Service Engine Soon." The system would also store important information about the detected malfunction so that a repair technician can accurately find and fix the problem. CARB has recently developed similar OBD

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

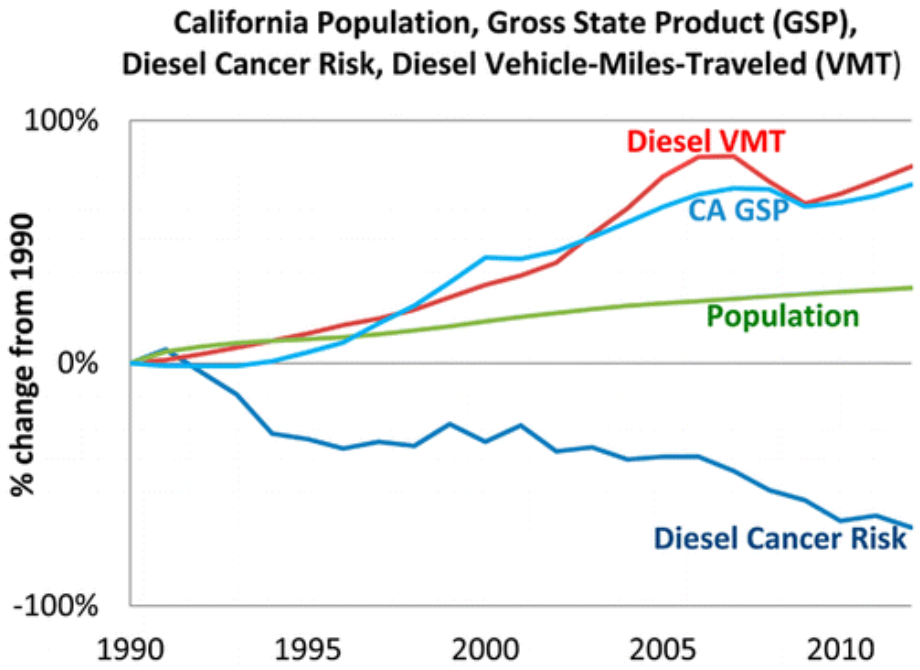
requirements for heavy-duty vehicles over 14,000 pounds (lbs). CARB's phase II Reformulated Gasoline Regulation (RFG-2), adopted in 1996, also led to a reduction of mobile source emissions. Through such regulations, benzene levels declined 88% from 1990-2012. 1,3-Butadiene concentrations also declined 85% from 1990-2012 as a result of the use of reformulated gasoline and motor vehicle regulations (25).

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

2.9.3 Diesel Regulations

CARB and the Ports of Los Angeles and Long Beach (POLA and POLB) have adopted several iterations of regulations for diesel trucks that are aimed at reducing DPM. More specifically, CARB Drayage Truck Regulation (26), CARB statewide On-road Truck and Bus Regulation (27), and the Ports of Los Angeles and Long Beach Clean Truck Program (CTP) require accelerated implementation of "clean trucks" into the statewide truck fleet (28). In other words, older more polluting trucks would be replaced with newer, cleaner trucks as a function of these regulatory requirements. Moreover, the average statewide DPM emissions for Heavy Duty Trucks (HDT), in terms of grams of DPM generated per mile traveled, would dramatically be reduced due to the aforementioned regulatory requirements. Diesel emissions identified in this analysis would therefore overstate future DPM emissions since not all the regulatory requirements are reflected in the modeling.

EXHIBIT 2-A: DPM AND DIESEL VEHICLE MILES TREND



Source: 2020 CARB

2.9.4 Cancer Risk Trends

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

In January 2018, as part of the overall effort to reduce air toxics exposure in the SCAB, SCAQMD began conducting the MATES V Program. MATES V field measurements were conducted at ten fixed sites (the same sites selected for MATES III and IV) to assess trends in air toxics levels. MATES V also included measurements of ultrafine particles (UFP) and black carbon (BC) concentrations, which can be compared to the UFP levels measured in MATES IV (29). The draft report for the MATES V study was published in late May and the comment submission deadline on June 7, 2021. In addition to new measurements and updated modeling results, several key updates were implemented in MATES V. First, MATES V estimates cancer risks by taking into account multiple exposure pathways, which includes inhalation and non-inhalation pathways. This approach is consistent with how cancer risks are estimated in South Coast AQMD's programs such as permitting, Air Toxics Hot Spots (AB2588), and CEQA. Previous MATES studies quantified the cancer risks based on the inhalation pathway only. Second, along with cancer risk estimates, MATES V includes information on the chronic non-cancer risks from inhalation and non-inhalation pathways for the first time. Cancer risks and chronic non-cancer risks from MATES II through IV measurements have been re-examined using current Office of Environmental Health Hazard Assessment (OEHHA) and CalEPA risk assessment methodologies and modern statistical methods to examine the trends over time (30).

MATES-V calculated cancer risks based on monitoring data collected at ten fixed sites within the SCAB. None of the fixed monitoring sites are within the local area of the Project site. However, MATES-V has extrapolated the excess cancer risk levels throughout the SCAB by modeling the specific grids. The Project is located within a quadrant of the geographic grid of the MATES-V model which predicted a cancer risk of 288 in one million for the area containing the Project site. DPM is included in this cancer risk along with all other TAC sources. As in previous MATES iterations, diesel PM is the largest contributor to overall air toxics cancer risk. However, the average levels of diesel PM in MATES V are 53% lower at the 10 monitoring sites compared to MATES IV. Cumulative Project generated TACs are limited to DPM.

3 EXISTING PROJECT SITE AIR QUALITY CONDITIONS

The site is currently developed with existing non-conforming residential homes and businesses. The estimated operation-source emissions from the existing development are summarized on Table 3-1. Detailed operation model outputs are presented in Appendix 3.1.

TABLE 3-1: EMISSIONS FROM EXISTING DEVELOPMENT

Source	Emissions (lbs/day)					
	VOC	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Summer						
Mobile	0.56	5.31	7.47	0.06	3.29	0.92
Area	0.12	0.00	0.17	0.00	0.00	0.00
Energy	0.00	0.02	0.02	0.00	0.00	0.00
Maximum Daily Emissions	0.68	5.33	7.66	0.06	3.29	0.92
Winter						
Mobile	0.54	5.56	6.37	0.06	3.29	0.92
Area	0.10	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.02	0.02	0.00	0.00	0.00
Maximum Daily Emissions	0.64	5.58	6.39	0.06	3.29	0.92

Source: CalEEMod existing operational-source emissions are presented in Appendix 3.1.

4 PROJECT AIR QUALITY IMPACT

4.1 INTRODUCTION

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

4.2 STANDARDS OF SIGNIFICANCE

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

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

The SCAQMD has developed regional and localized significance thresholds for criteria pollutants, as summarized at Table 4-1 (31). The SCAQMD's CEQA Air Quality Significance Thresholds (March 2023) indicate that any projects in the SCAB with daily emissions that exceed any of the indicated thresholds should be considered as having an individually and cumulatively significant air quality impact.

TABLE 4-1: REGIONAL EMISSIONS SIGNIFICANCE THRESHOLDS

Pollutant	Construction	Operations
NO_X	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM_{10}	150 lbs/day	150 lbs/day
$PM_{2.5}$	55 lbs/day	55 lbs/day
SO_X	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day
Pb	3 lbs/day	3 lbs/day

lbs/day = Pounds Per Day
ppm = Parts Per Million
$\mu g/m^3$ = Micrograms Per Cubic Meter

TABLE 4-2: LOCALIZED EMISSIONS SIGNIFICANCE THRESHOLDS

Pollutant	Construction	Operations
NO_X	0.18 ppm	0.18 ppm
CO (1-hour average)	20 ppm	20 ppm
CO (8-hour average)	9 ppm	9 ppm
PM_{10}	10.4 µg/m^3	2.5 µg/m^3
$PM_{2.5}$	10.4 µg/m^3	2.5 µg/m^3

4.3 MODELS EMPLOYED TO ANALYZE AIR QUALITY

4.3.1 CalEEMod

Land uses such as the Project affect air quality through construction-source and operational-source emissions. The California Air Pollution Control Officers Association (CAPCOA) in conjunction with other California air districts, including SCAQMD, released CalEEMod 2022 in May 2022. CalEEMod periodically releases updates, as such the latest version available at the time of this report has been utilized in this analysis. The purpose of this model is to calculate construction-source and operational-source criteria pollutant (VOCs, NO_X, SO_X, CO, PM_{10}, and $PM_{2.5}$) and GHG emissions from direct and indirect sources; and quantify applicable air quality and GHG reductions achieved from mitigation measures (32). Accordingly, the latest version of CalEEMod has been used for this Project to determine construction and operational air quality emissions. Output from the model runs for both construction and operational activity are provided in Appendix 4.1.

4.4 CONSTRUCTION EMISSIONS

4.4.1 Construction Activities

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

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

Demolition Activities

The site is currently developed with five existing structures, totaling approximately 4,000 sf that will be demolished. Demolished material associated with demolition will be hauled off-site.

Grading Activities

Dust is typically a major concern during grading activities. Because such emissions are not amenable to collection and discharge through a controlled source, they are called "fugitive emissions." Fugitive dust emissions rates vary as a function of many parameters (soil silt, soil moisture, wind speed, area disturbed, number of vehicles, depth of disturbance or excavation, etc.). CalEEMod was utilized to calculate fugitive dust emissions resulting from this phase of activity. Based on client-provided data the Project will require 100,000 cubic yards of import material. Since the source location of the import material is currently unknown, the analysis assumes the CalEEMod default of a location 20 miles from the Project site.

4.4.2 Construction Duration

For purposes of analysis, construction will begin September 2026 and would last through September 2027. The construction schedule utilized in the analysis, shown in Table 4-3, represents a "conservative" analysis scenario should construction occur any time after the respective dates since emission factors for construction decrease as time passes and the analysis year increases due to emission regulations becoming more stringent.[2] The duration of construction activity and associated equipment represents a reasonable approximation of the expected construction fleet as required per the *CEQA Guidelines* (1).

TABLE 4-3: CONSTRUCTION DURATION

Construction Activity	Start Date	End Date	Days
Demolition	09/01/2026	09/18/2026	14
Site Preparation	09/21/2026	09/25/2026	5
Grading	09/28/2026	11/20/2026	40
Building Construction	11/23/2026	09/24/2027	220
Paving	06/14/2027	07/28/2027	33
Architectural Coating	04/05/2027	05/14/2027	30

4.4.3 Construction Equipment

Consistent with industry standards and typical construction practices, each piece of equipment listed in Table 4-4 is assumed to operate up to a total of eight (8) hours per day, or more than two-thirds of the period during which construction activities are allowed pursuant to the City code.

[2] As shown in the CalEEMod User's Guide Version 2022, Appendix G "Table G-11. Statewide Average Annual Offroad Equipment Emission Factors" as the analysis year increases, emission factors for the same equipment pieces decrease due to the natural turnover of older equipment being replaced by newer less polluting equipment and new regulatory requirements.

TABLE 4-4: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	Equipment[1]	Quantity	Hours
Demolition	Concrete/Industrial Saws	1	8
	Excavators	4	8
	Rubber Tired Dozers	3	8
Site Preparation	Rubber Tired Dozers	4	8
	Crawler Tractors	6	8
Grading	Excavators	3	8
	Graders	1	8
	Rubber Tired Dozers	1	8
	Scrapers	3	8
	Crawler Tractors	3	8
Building Construction	Cranes	1	8
	Forklifts	4	8
	Generator Sets	1	8
	Tractors/Loaders/Backhoes	4	8
	Welders	1	8
Paving	Pavers	3	8
	Paving Equipment	3	8
	Rollers	3	8
Architectural Coating	Air Compressors	1	8

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

4.4.4 On-Road Trips

Construction generates on-road vehicle emissions from vehicle usage for workers, vendors, and haul trucks commuting to and from the site. The number of worker, vendor, and hauling trips per phase is presented below in Table 4-5. Worker and hauling trips are based on CalEEMod defaults. It should be noted that for vendor trips, specifically, CalEEMod only assigns vendor trips to the Building Construction phase. Vendor trips would likely occur during all phases of construction. As such, the CalEEMod defaults for vendor trips have been adjusted based on a ratio of the total vendor trips to the number of days of each subphase of activity.

TABLE 4-5: CONSTRUCTION TRIP ASSUMPTIONS

Construction Activity	Worker Trips	Vendor Trips	Hauling Trips
Demolition	20	7	3
Site Preparation	25	3	0
Grading	28	20	313
Building Construction	348	107	0
Paving	23	0	0
Architectural Coating	70	0	0

4.4.5 Construction Emissions Summary

Impacts without Mitigation

CalEEMod calculates maximum daily emissions for summer and winter periods. As such, the estimated maximum daily construction emissions without mitigation for both summer and winter periods are summarized in Table 4-6. Detailed unmitigated construction model outputs are presented in Appendix 4.1. Under the assumed scenarios, emissions resulting from the Project construction will exceed criteria pollutant thresholds established by the SCAQMD for VOC emissions.

TABLE 4-6: CONSTRUCTION EMISSIONS SUMMARY – WITHOUT MITIGATION

Construction Emissions						
Year	ROG	NO_X	CO	SO_2	$PM_{10}T$	$PM_{2.5}T$
Summer						
2026	5.40	63.50	45.50	0.23	11.50	5.94
2027	138.00	26.80	57.60	0.07	6.88	2.24
Winter						
2026	4.90	64.40	45.20	0.23	11.50	4.84
2027	2.66	16.60	35.50	0.05	5.94	1.76
Maximum Daily Emissions	138.00	64.40	57.60	0.23	11.50	5.94
SCAQMD Regional Thresholds	75	100	550	150	150	55
Threshold Exceeded?	YES	NO	NO	NO	NO	NO

Source: CalEEMod construction-source (unmitigated) emissions are presented in Appendix 4.1.

Recommended Construction Mitigation Measures

As the Project construction-source emissions have the potential to exceed SCAQMD regional thresholds for VOC emissions, application of MM AQ-1 is required to reduce these emissions to less than significant levels.

MM AQ-1

To reduce VOC emissions associated with architectural coating, the Project designer and contractor shall reduce the use of paints and solvents by utilizing pre-coated materials (e.g., bathroom stall dividers, metal awnings), materials that do not require painting, and require coatings and solvents with a VOC content lower than required under Rule 1113 to be utilized. The construction contractor shall be required to utilize "Super-Compliant" VOC paints, which are defined in SCAQMD's Rule 1113. Construction specifications shall be included in building specifications that ensure these requirements are implemented. The specifications shall be reviewed by the City of Menifee's Building and Safety Department for compliance with this mitigation measure prior to issuance of the Project's building permit.

Impacts with Mitigation

The estimated maximum daily construction emissions with mitigation are summarized in Table 4-7. As indicated at Table 4-7, after implementation of MM AQ-1, Project construction-source emissions would be reduced to levels below the threshold. As such, Project construction-source emissions impacts would therefore be less than significant.

TABLE 4-7: CONSTRUCTION EMISSIONS SUMMARY - WITH MITIGATION

Construction Emissions						
Year	ROG	NO_X	CO	SO_2	$PM_{10}T$	$PM_{2.5}T$
Summer						
2026	5.40	63.50	45.50	0.23	11.50	5.94
2027	35.90	26.80	57.60	0.07	6.88	2.24
Winter						
2026	4.90	64.40	45.20	0.23	11.50	4.84
2027	2.66	16.60	35.50	0.05	5.94	1.76
Maximum Daily Emissions	35.90	64.40	57.60	0.23	11.50	5.94
SCAQMD Regional Thresholds	75	100	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

Source: CalEEMod construction-source (mitigated) emissions are presented in Appendix 4.1.

4.5 OPERATIONAL EMISSIONS

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

- Mobile Source Emissions;
- Area Source Emissions;
- Energy Source Emissions;
- Stationary Source Emissions;
- On-site Cargo Handling Equipment Emissions; and
- Transport Refrigeration Units (TRUs)

4.5.1 Mobile Source Emissions

The Project related operational air quality emissions derived primarily from vehicle trips generated by the Project. Trip characteristics available from the *Heritage Valley Business Center Trip Generation Assessment* were utilized in this analysis (33).

Passenger Vehicles

To determine emissions from passenger car vehicles, the CalEEMod defaults were utilized for trip length and trip purpose for the proposed industrial land uses.

This analysis assumes that passenger cars include Light-Duty-Auto vehicles (LDA), Light-Duty-Trucks (LDT1[3] & LDT2[4]), Medium-Duty-Vehicles (MDV), and Motorcycles (MCY) vehicle types. To account for emissions generated by passenger cars, the following fleet mix was utilized in this analysis:

TABLE 4-8: PASSENGER CAR FLEET MIX

Land Use	% Vehicle Type				
	LDA	LDT1	LDT2	MDV	MCY
Warehouse/High-Cube Cold Storage	53.71	3.92	23.01	16.92	2.44

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

Trucks

To determine emissions from trucks for the proposed industrial uses, the analysis incorporated the SCAQMD recommended truck trip length of 15.3 miles for 2-axle (LHDT1, LHDT2) trucks, 14.2 miles 3-axle (MHDT) trucks and 40 miles for 4+-axle (HHDT) trucks and weighing the average trip lengths using traffic trip percentages taken from the *Heritage Valley Business Center Traffic Analysis*. The trip length function for the proposed industrial building uses has been calculated to 30.41 miles for truck trips associated with the warehouse land use and 28.58 miles for truck trips associated with the high-cube cold storage land use, both with an assumption of 100% primary trips.

In order to be consistent with the *Heritage Valley Business Center Trip Generation Assessment*, trucks are broken down by truck type. The truck fleet mix is estimated by rationing the trip rates for each truck type based on information provided in the *Heritage Valley Business Center Trip Generation Assessment*. Heavy trucks are broken down by truck type (or axle type) and are categorized as either Light-Heavy-Duty Trucks (LHDT1[5] & LHDT2[6])/2-axle, Medium-Heavy-Duty Trucks (MHDT)/3-axle, and Heavy-Heavy-Duty Trucks (HHDT)/4+-axle. To account for emissions generated by trucks, the following fleet mix was utilized in this analysis:

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

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

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

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

TABLE 4-9: TRUCK FLEET MIX

Land Use	% Vehicle Type			
	LHDT1	LHDT2	MHDT	HHDT
Warehouse	12.96	3.71	20.99	62.35
High-Cube Cold Storage	25.91	7.42	12.12	54.55

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

Fugitive Dust Related to Vehicular Travel

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

4.5.2 Area Source Emissions

Architectural Coatings

Over a period of time the buildings that are part of this Project would require maintenance and would therefore produce emissions resulting from the evaporation of solvents contained in paints, varnishes, primers, and other surface coatings. The emissions associated with architectural coatings were calculated using CalEEMod.

Consumer Products

Consumer products include, but are not limited to, detergents, cleaning compounds, polishes, personal care products, and lawn and garden products. Many of these products contain organic compounds which when released in the atmosphere can react to form O_3 and other photochemically reactive pollutants. The emissions associated with the use of consumer products were calculated based on defaults provided within CalEEMod.

Landscape Maintenance Equipment

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

4.5.3 Energy Source Emissions

Combustion Emissions Associated with Electricity and Natural Gas

Electricity and natural gas are used in almost every project. Criteria pollutant emissions are emitted through the generation of electricity. However, because electrical generating facilities for the Project

area are located either outside the region (state) or offset through the use of pollution credits (RECLAIM) for generation within the SCAB, criteria pollutant emissions from offsite generation of electricity are excluded from the evaluation of significance. The site is not expected to utilize natural gas for the building envelope and therefore would not generate any emissions from direct energy consumption.

4.5.4 Stationary Source Emissions

The proposed Project was conservatively assumed to include installation of an electric-powered fire pump and a 700 HP diesel-powered emergency generator at each building. The fire pump and emergency generator were each estimated to operate for up to 1 hour per day, 1 day per week for up to 50 hours per year for maintenance and testing purposes. Since the fire pump is electric-powered, no direct emissions are expected. Emissions associated with the diesel-powered emergency generator were estimated using CalEEMod.

4.5.5 On-Site Cargo Handling Equipment Emissions

It is common for warehouse buildings to require the operation of exterior cargo handling equipment in the building's truck court areas. For this Project, the on-site operational modeling includes the use of three (3) electric cargo handling equipment. Since the on-site cargo handling equipment is electric-powered, no direct emissions are expected.

4.5.6 TRU Source Emissions

In order to account for the refrigerated uses, trucks associated with the cold-storage land use are assumed to also have TRUs. Therefore, for modeling purposes 33 trucks (66 two-way truck trips per day) have the potential to include TRUs. TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on EMissions FACtor Model version 2021 (EMFAC2021), developed by the CARB. EMFAC2021 does not provide emission rates per hour or mile as with the on-road emission model and only provides emission inventories. Emission results are produced in tons per day while all activity, fuel consumption and horsepower hours were reported at annual levels. The emission inventory is based on specific assumptions including the average horsepower rating of specific types of equipment and the hours of operation annually. These assumptions are not always consistent with assumptions used in the modeling of project level emissions. Therefore, the emissions inventory was converted into emission rates to accurately calculate emissions from TRU operation associated with project level details. This was accomplished by converting the annual horsepower hours to daily operational characteristics and converting the daily emission levels into hourly emission rates based on the total emission of each criteria pollutant by equipment type and the average daily hours of operation.

4.5.7 Operational Emissions Summary

Operational activities for summer and winter scenarios are presented in Table 4-10. Detailed operation model outputs for the Project are presented in Appendix 4.1. As shown in Table 4-10, the Project would not exceed the numerical thresholds of significance established by the SCAQMD for emissions of any criteria pollutant. As such, operational impacts would be considered less-than-significant.

TABLE 4-10: SUMMARY OF PEAK OPERATIONAL EMISSIONS

Source	Emissions (lbs/day)					
	ROG	NO_X	CO	SO_2	$PM_{10}T$	$PM_{2.5}T$
Summer						
Mobile	3.94	31.70	53.62	0.40	21.68	6.02
Area	25.91	0.30	36.09	0.00	0.06	0.05
Stationary	0.57	1.61	1.46	0.00	0.08	0.08
TRU	9.72	10.19	1.17	0.00	0.33	0.30
Maximum Daily Emissions	40.14	43.80	92.35	0.40	22.16	6.45
Existing	0.68	5.33	7.66	0.06	3.29	0.92
Net (Project – Existing)	39.46	38.47	84.69	0.34	18.87	5.53
SCAQMD Regional Thresholds	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO
Winter						
Mobile	3.79	33.24	45.13	0.39	21.68	6.02
Area	19.98	0	0	0	0	0
Stationary	0.57	1.61	1.46	0.00	0.08	0.08
TRU	9.72	10.19	1.17	0.00	0.33	0.30
Maximum Daily Emissions	34.06	45.03	47.77	0.39	22.10	6.41
Existing	0.64	5.58	6.39	0.06	3.29	0.92
Net (Project – Existing)	33.42	39.45	41.38	0.33	18.81	5.49
SCAQMD Regional Thresholds	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

4.6 LOCALIZED AIR QUALITY IMPACTS

4.6.1 Background on LST Development

The analysis makes use of methodology included in the SCAQMD *Final Localized Significance Threshold Methodology* (LST Methodology). The SCAQMD has established that localized impacts to air quality are significant if there is a potential to contribute or cause localized exceedances of the federal and/or state ambient air quality standards (NAAQS/CAAQS). Collectively, these are referred to as Localized Significance Thresholds (LSTs). The SCAQMD established LSTs in response to the SCAQMD Governing Board's Environmental Justice Initiative I-4.[7] LSTs represent the maximum emissions from a project that would not cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standard at the nearest residence or sensitive receptor. The SCAQMD states that lead agencies can use the LSTs as another indicator of significance in its air quality impact analyses. LSTs were developed in response to environmental justice and health

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

concerns raised by the public regarding exposure of individuals to criteria pollutants in local communities. To address the issue of localized significance, the SCAQMD adopted LSTs that show whether a project would cause or contribute to localized air quality impacts and thereby cause or contribute to potential localized adverse health effects. The analysis makes use of methodology included in the *LST Methodology* (34).

4.6.2 Emissions Considered

Based on SCAQMD's *LST Methodology*, emissions for concern during construction activities are on-site NO_X, CO, $PM_{2.5}$, and PM_{10}. The *LST Methodology* clearly states that "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs (35)." As such, for purposes of the construction LST analysis, only emissions included in the CalEEMod "on-site" emissions outputs were considered.

4.6.3 Dispersion Modeling

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

4.6.4 Sources

It should be noted that in order to model worst-case conditions, the highest daily peak on-site emissions resulting from overlapping construction activity were modeled. A ground level release height and a 1 meter (approximately 3.28 feet) initial vertical dimension (sigma z) were utilized for fugitive dust emissions of PM_{10} and $PM_{2.5}$ consistent with SCAQMD's LST guidance. In order to account for equipment exhaust emissions from NO_2, CO, PM_{10}, and $PM_{2.5}$ a release height of 5.0 meters was utilized consistent with SCAQMD's LST guidance.

4.6.5 Meteorological Data and Model Options

In order to account for meteorological conditions at the Project site, meteorological data from the SCAQMD's Perris Valley monitoring station was utilized, as this is the nearest station to the Project site for which meteorological data is available. Additionally, a receptor height of 2 meters and regulatory default options were utilized consistent with SCAQMD's LST guidance.

4.6.6 Receptors

As previously stated, LSTs represent the maximum emissions from a project that would not cause or contribute to an exceedance of the most stringent applicable NAAQS and CAAQS at the nearest residence or sensitive receptor. Receptor locations are off-site locations where individuals may be exposed to emissions from Project activities. Some people are especially sensitive to air pollution and are given special consideration when evaluating air quality impacts from projects. These groups of people include children, the elderly, and individuals with pre-existing respiratory or cardiovascular illness. Structures that house these persons or places where they gather are defined as "sensitive receptors". These structures typically include uses such as residences, hotels, and hospitals where an individual can remain for 24 hours. Consistent with the LST Methodology, the nearest land use to the Project site where an individual could remain for 24 hours has been used to determine

construction and operational air quality impacts for emissions of PM_{10} and $PM_{2.5}$, since PM_{10} and $PM_{2.5}$ thresholds are based on a 24-hour averaging time.

Per the *LST Methodology*, commercial and industrial facilities are not included in the definition of sensitive receptor because employees and patrons do not typically remain onsite for a full 24 hours but are typically on-site for 8 hours or less. However, *LST Methodology* explicitly states that "*LSTs based on shorter averaging periods, such as the NO_2 and CO LSTs, could also be applied to receptors such as industrial or commercial facilities since it is reasonable to assume that a worker at these sites could be present for periods of one to eight hours* (35)." Therefore, any adjacent land use where an individual could remain for 1 or 8 hours, that is located at a closer distance to the Project site than the receptor used for PM_{10} and $PM_{2.5}$ analysis, must be considered to determine construction and operational LST air impacts for emissions of NO_2 and CO since these pollutants have an averaging time of 1 and 8 hours.

Receptors in the Project study area are described below and shown in Exhibit 4-A. Localized air quality impacts were evaluated at sensitive receptor land uses nearest the Project site. All distances are measured from the Project site boundary to the outdoor living areas (e.g., backyards) or at the building façade, whichever is closer to the Project site.

R1: Location R1 represents the existing residence at 26061 Sherman Road, approximately 281 feet north of the Project site. Receptor R1 is placed at the façade facing the Project site.

R2: Location R2 represents the existing residence at 26026 Sherman Road, approximately 532 feet northeast of the Project site. Receptor R2 is placed at the façade facing the Project site.

R3: Location R3 represents the existing residence at 26550 Trumble Road, approximately 494 feet south of the Project site. Receptor R3 is placed at the façade facing the Project site.

R4: Location R4 represents the existing residence at 26505 Trumble Road, approximately 510 feet southwest of the Project site. Receptor R4 is placed at the façade facing the Project site.

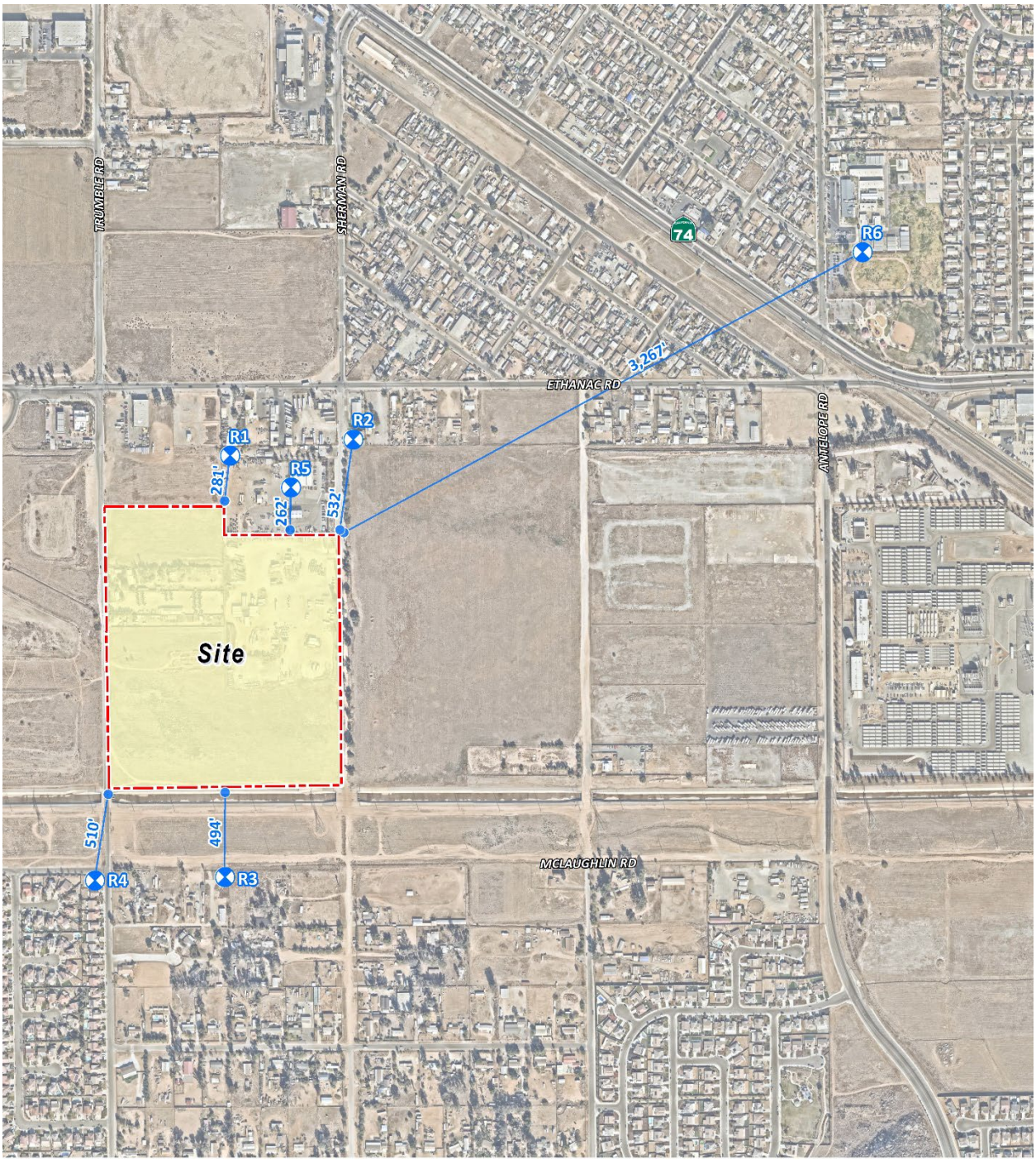
R5: Location R5 represents the Summit Equipment Rental facility located at 26105 Sherman Road, approximately 262 feet north of the Project site. R5 is placed at the nearest building façade facing the Project site

R6: Location R6 represents the Romoland Elementary School located at 25890 Antelope Road, approximately 3,267 feet northeast of the Project site. R6 is placed at the nearest building façade facing the Project site.

The SCAQMD recommends that the nearest sensitive receptor be considered when determining a Project's impact. The nearest land use where an individual could remain for 24 hours to the Project site has been used to determine localized construction and operational air quality impacts for emissions of PM_{10} and $PM_{2.5}$ (since PM_{10} and $PM_{2.5}$ thresholds are based on a 24-hour averaging time).

As previously stated, and consistent with LST Methodology, the nearest industrial/commercial use to the Project site is used to determine construction and operational LST air impacts for emissions of NO_X and CO as the averaging periods for these pollutants are shorter (8 hours or less) and it is reasonable to assumed that an individual could be present at these sites for periods of one to 8 hours.

EXHIBIT 4-A: RECEPTOR LOCATIONS



4.6.7 Construction-Source Localized Emissions

Emissions during the peak construction activity will not exceed the SCAQMD's localized significance thresholds at the maximally exposed receptor location, as illustrated in Table 4-11. All other modeled locations in the study area would experience lower concentrations, resulting in a reduced impact. As such, the Project's localized impacts during construction activity would be less than significant. Outputs from the model runs for construction LSTs are provided in Appendix 4.1.

TABLE 4-11: LOCALIZED CONSTRUCTION SIGNIFICANCE SUMMARY

Peak Construction	CO		NO_2	PM_{10}	$PM_{2.5}$
	Averaging Time				
	1-Hour	8-Hours	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.03	0.01	0.02	1.83	0.97
Background Concentration [A]	1.80	1.00	0.045		
Total Concentration	1.83	1.01	0.07	1.83	0.97
SCAQMD Localized Significance Threshold	20	9	0.18	10.40	10.40
Threshold Exceeded?	NO	NO	NO	NO	NO

[A] Highest concentration from the last three years of available data.
Notes: PM_{10} and $PM_{2.5}$ concentrations are expressed in µg/m³. All others are expressed in ppm.
Based on SCAQMD's LST Methodology, background concentrations are considered only for CO and NO_2.

4.6.8 Operational-Source Localized Emissions

The LST analysis generally includes on-site sources (area, energy, mobile, stationary, and on-site cargo handling equipment are previously discussed in Section 4.5 of this report). However, it should be noted that the CalEEMod outputs do not separate on-site and off-site emissions from mobile sources. As such, to establish a maximum potential impact scenario for analytic purposes, the modeled emissions include all on-site Project-related stationary (area) sources and on-site Project-related mobile emissions. In order to account for on-site mobile emissions, a trip length of 1 mile was utilized for both trucks and passenger cars.

In order to account for any potential impacts to on-site receptors as a result of operational activity, a scenario conservatively assuming 2028 emissions was analyzed. As shown in Table 4-12 below, emissions would not exceed SCAQMD's localized significance thresholds at the maximally exposed on-site receptors as a result of operational activities.

TABLE 4-12: OPERATIONAL LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS

Peak Operations	CO		NO_2	PM_{10}	$PM_{2.5}$
	Averaging Time				
	1-Hour	8-Hours	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.01	7.47E-03	2.71E-03	0.16	0.08
Background Concentration	1.80	1.00	0.045		
Total Concentration	1.81	1.01	0.05	0.16	0.08
SCAQMD Localized Significance Threshold	20	9	0.18	2.5	2.5
Threshold Exceeded?	NO	NO	NO	NO	NO

4.7 CO "HOT SPOT" ANALYSIS

A CO hotspot is defined as a localized concentration of carbon monoxide exceeding the state one-hour standard of 20 ppm or the eight-hour standard of 9 ppm. At the time the most recent CEQA Air Quality Handbook (1993) was published by SCAQMD, the air basin was designated as non-attainment, requiring projects to perform hotspot analyses to ensure they did not worsen the existing conditions. Over the last two decades, background CO concentrations have been significantly reduced due to regulatory controls on tailpipe emissions, which have culminated in the air basin achieving attainment status for CO.

The 2003 AQMP's findings underscore that CO hotspots are highly unlikely due to the reduced background concentrations and the effectiveness of California's air quality management strategies. The substantial reduction in CO levels from the vehicle fleet and the state's attainment status for CO further diminish the need for detailed microscale hotspot analyses, reinforcing that existing monitoring and regulatory frameworks adequately address potential air quality concerns.

In 2003, the SCAQMD as part of its AQMP development process, prepared modeling to determine the potential for CO Hotspots at the four busiest intersections in the air basin. As summarized in the 2003 AQMP, even at one of the busiest intersections at that time, only 0.7 ppm of CO is attributable to vehicular traffic and the remaining 7.7 ppm were due to ambient background conditions. As shown on Table 2-5 in this report, the background 1-hour and 8-hour concentrations are well below the applicable AAQS. The 2003 AQMP's findings underscore that CO hotspots are highly unlikely due to the reduced background concentrations and the effectiveness of California's air quality management strategies. The substantial reduction in CO levels from the vehicle fleet and the state's attainment status for CO further diminish the need for detailed microscale hotspot analyses, reinforcing that existing monitoring and regulatory frameworks adequately address potential air quality concerns.

As such, Project-related traffic at any intersections within the Project area would not cause or contribute to a CO hotspot since the background concentrations are low and any contribution from Project traffic would be negligible.

4.8 AQMP

The Project site is located within the SCAB, which is characterized by relatively poor air quality. The SCAQMD has jurisdiction over an approximately 10,743 square-mile area consisting of the four-county Basin and the Los Angeles County and Riverside County portions of what use to be referred

to as the Southeast Desert Air Basin. In these areas, the SCAQMD is principally responsible for air pollution control, and works directly with the SCAG, county transportation commissions, local governments, as well as state and federal agencies to reduce emissions from stationary, mobile, and indirect sources to meet state and federal ambient air quality standards. Currently, these state and federal air quality standards are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of AQMPs to meet the state and federal ambient air quality standards. AQMPs are updated regularly in order to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy.

In December 2022, the SCAQMD released the *Final 2022 AQMP* (*2022 AQMP*). The *2022 AQMP* continues to evaluate current integrated strategies and control measures to meet the NAAQS, as well as explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (36). Similar to the 2016 AQMP, the *2022 AQMP* incorporates scientific and technological information and planning assumptions, including the *2020-2045 RTP/SCS*, a planning document that supports the integration of land use and transportation to help the region meet the federal CAA requirements (37). The Project's consistency with the AQMP will be determined using the *2022 AQMP* as discussed below.

It should be noted that although SCAG has released an updated 2024-2050 RTP, the 2022 AQMP is based on the 2020-2045 RTP. Criteria for determining consistency with the AQMP are defined in Chapter 12, Section 12.2 and Section 12.3 of the *1993 CEQA Handbook* (38). These indicators are discussed below:

4.8.1 Consistency Criterion No. 1

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

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

Construction Impacts – Consistency Criterion 1

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

Operational Impacts – Consistency Criterion 1

As evaluated, the Project's localized and regional operation-source emissions would not exceed applicable regional significance threshold and LST thresholds. As such, a less than significant impact is expected.

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

4.8.2 Consistency Criterion No. 2

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

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

Construction Impacts – Consistency Criterion 2

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

Operational Impacts – Consistency Criterion 2

The City of Menifee General Plan designates the Project site for Heavy Industrial uses. This land use designation is characterized by more intense industrial activities, such as manufacturing uses, that can generate significant impacts such as excessive noise, dust, and other nuisances.

As previously stated, the proposed Project includes the development of an 829,755 square foot (sf) industrial building and surface parking for trucks and employee vehicles. The Project's proposed uses are inconsistent with the current land use and zoning designation and would require a General Plan and Zoning Amendment. Although inconsistent with the current land use and zoning designation, the Project on an individual bases does not have an impact and as such, the proposed Project would not conflict with the goals and objectives of the AQMP.

On the basis of the preceding discussion, the Project is determined to be consistent with the second criterion.

AQMP Consistency Conclusion

The Project would not have the potential to result in or cause NAAQS or CAAQS violations. Although the Project's proposed uses are not consistent with the General Plan land use and Zoning Designation, as the Project would not exceed the regional or localized construction and operational thresholds, after mitigation, the Project's development intensity is consistent with the development intensities allowed within the General Plan. As such, the Project is therefore considered to be consistent with the AQMP.

4.9 Toxic Air Contaminants

Construction and Operational

Based on the results of the *Heritage Valley Business Center Construction Health Risk Assessment* (39), emissions generated from the Project during short-term construction will not exceed SCAQMD significance thresholds for cancer and non-cancer health risks. As such, a less than significant impact is expected.

4.10 Potential Impacts to Sensitive Receptors

The potential impact of Project-generated air pollutant emissions at sensitive receptors has also been considered. Results of the LST analysis indicate that the Project would not exceed the SCAQMD localized significance thresholds during construction. Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations during Project construction.

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

4.10.1 Friant Ranch Case

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

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

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

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

4.11 ODORS

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

- Agricultural uses (livestock and farming)
- Wastewater treatment plants
- Food processing plants
- Chemical plants
- Composting operations
- Refineries
- Landfills
- Dairies
- Fiberglass molding facilities

The Project does not contain land uses typically associated with emitting objectionable odors. Potential odor sources associated with the proposed Project may result from construction equipment exhaust and the application of asphalt and architectural coatings during construction activities and the temporary storage of typical solid waste (refuse) associated with the proposed Project's (long-term operational) uses. Standard construction requirements would minimize odor impacts from construction. The construction odor emissions would be temporary, short-term, and intermittent in nature and would cease upon completion of the respective phase of construction and is thus considered less than significant. It is expected that Project-generated refuse would be stored in covered containers and removed at regular intervals in compliance with current solid waste regulations. The proposed Project would also be required to comply with SCAQMD Rule 402 to prevent occurrences of public nuisances. Therefore, odors and other emissions (such as those leading to odors) associated with construction and operations activities of the proposed Project would be less than significant and no mitigation is required (40).

4.12 CUMULATIVE IMPACTS

As previously shown in Table 2-4, the CAAQS designates the Project site as nonattainment for O_3 PM_{10}, and $PM_{2.5}$ while the NAAQS designates the Project site as nonattainment for O_3 and $PM_{2.5}$. he SCAQMD has published a report on how to address cumulative impacts from air pollution: *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (41). In this report the SCAQMD clearly states (Page D-3):

> *"…the SCAQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR. The only case where the significance thresholds for project specific and cumulative impacts differ is the Hazard Index (HI) significance threshold for TAC emissions. The project specific (project increment) significance threshold is HI > 1.0 while the cumulative (facility-wide) is HI > 3.0. It should be noted that the HI is only one of*

three TAC emission significance thresholds considered (when applicable) in a CEQA analysis. The other two are the maximum individual cancer risk (MICR) and the cancer burden, both of which use the same significance thresholds (MICR of 10 in 1 million and cancer burden of 0.5) for project specific and cumulative impacts.

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

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

Construction-Source Emission Impacts

The Project-specific evaluation of emissions presented in the preceding analysis demonstrates that, the proposed Project construction-source air pollutant emissions would not result in exceedances of regional thresholds after implementation of MM AQ-1. Therefore, proposed Project construction-source emissions would be considered less than significant on a Project-specific and cumulative basis.

Operational-Source Emission Impacts

The Project-specific evaluation of emissions presented in the preceding analysis demonstrates that proposed Project operation-source air pollutant emissions would not result in exceedances of regional thresholds. Therefore, the proposed Project operation-source emissions would be considered less than significant on a project-specific and cumulative basis.

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6 CERTIFICATION

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

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AWMA – Air and Waste Management Association
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Professional Certifications

Planned Communities and Urban Infill – Urban Land Institute • June, 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April, 2008
Principles of Ambient Air Monitoring – CARB • August, 2007
AB2588 Regulatory Standards – Trinity Consultants • November, 2006
Air Dispersion Modeling – Lakes Environmental • June, 2006

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APPENDIX 2.1:

STATE/FEDERAL ATTAINMENT STATUS OF CRITERIA POLLUTANTS

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

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

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

Table of Ambient Air Quality Standards

Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards [1]		National Standards [2]		
		Concentration [3]	Method [4]	Primary [3,5]	Secondary [3,6]	Method [7]
Ozone (O_3)[8]	1 Hour	0.09 ppm (180 µg/m^3)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m^3)		0.070 ppm (137 µg/m^3)		
Respirable Particulate Matter (PM10)[9]	24 Hour	50 µg/m^3	Gravimetric or Beta Attenuation	150 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m^3		—		
Fine Particulate Matter (PM2.5)[9]	24 Hour	—	—	35 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m^3	Gravimetric or Beta Attenuation	9.0 µg/m^3	15.0 µg/m^3	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m^3)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m^3)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m^3)		9 ppm (10 mg/m^3)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m^3)		—	—	
Nitrogen Dioxide (NO_2)[10]	1 Hour	0.18 ppm (339 µg/m^3)	Gas Phase Chemiluminescence	100 ppb (188 µg/m^3)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m^3)		53 ppb (100 µg/m^3)	Same as Primary Standard	
Sulfur Dioxide (SO_2)[11]	1 Hour	0.25 ppm (655 µg/m^3)	Ultraviolet Fluorescence	75 ppb (196 µg/m^3)	—	Ultraviolet Flourescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m^3)	
	24 Hour	0.04 ppm (105 µg/m^3)		0.14 ppm (for certain areas)[11]	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas)[11]	—	
Lead[12,13]	30 Day Average	1.5 µg/m^3	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m^3 (for certain areas)[12]	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m^3		
Visibility Reducing Particles[14]	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	**No National Standards**		
Sulfates	24 Hour	25 µg/m^3	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m^3)	Ultraviolet Fluorescence			
Vinyl Chloride[12]	24 Hour	0.01 ppm (26 µg/m^3)	Gas Chromatography			

See footnotes on next page ...

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

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

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

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

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

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

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

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

9. On February 7, 2024, the national annual PM2.5 primary standard was lowered from 12.0 µg/m3 to 9.0 µg/m3. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at 35 µg/m3, as was the annual secondary standard of 15.0 µg/m3. The existing 24-hour PM10 standards (primary and secondary) of 150 µg/m3 also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

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

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

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

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

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

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

Area Designations for the State Ambient Air Quality Standards

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

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

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

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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	
Alpine County	U
Inyo County	N
Mono County	N
LAKE COUNTY AIR BASIN	A
LAKE TAHOE AIR BASIN	NA-T
MOJAVE DESERT AIR BASIN	N
MOUNTAIN COUNTIES AIR BASIN	
Amador County	NA-T
Calaveras County	NA-T
El Dorado County (portion)	N
Mariposa County	N
Nevada County	N
Placer County (portion)	NA-T
Plumas County	U
Sierra County	U
Tuolumne County	NA-T
NORTH CENTRAL COAST AIR BASIN	A
NORTH COAST AIR BASIN	A
NORTHEAST PLATEAU AIR BASIN	A
SACRAMENTO VALLEY AIR BASIN	
Butte County	NA-T
Colusa and Glenn Counties	A
Shasta County	NA-T
Sutter/Yuba Counties	
Sutter Buttes	NA-T
Remainder of Sutter County	NA-T
Yuba County	NA-T
Yolo/Solano Counties	NA-T
Remainder of Air Basin	N
SALTON SEA AIR BASIN	N
SAN DIEGO AIR BASIN	N
SAN FRANCISCO BAY AREA AIR BASIN	NA-T
SAN JOAQUIN VALLEY AIR BASIN	N
SOUTH CENTRAL COAST AIR BASIN	
San Luis Obispo County	N
Santa Barbara County	NA-T
Ventura County	N
SOUTH COAST AIR BASIN	N

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

Figure 1

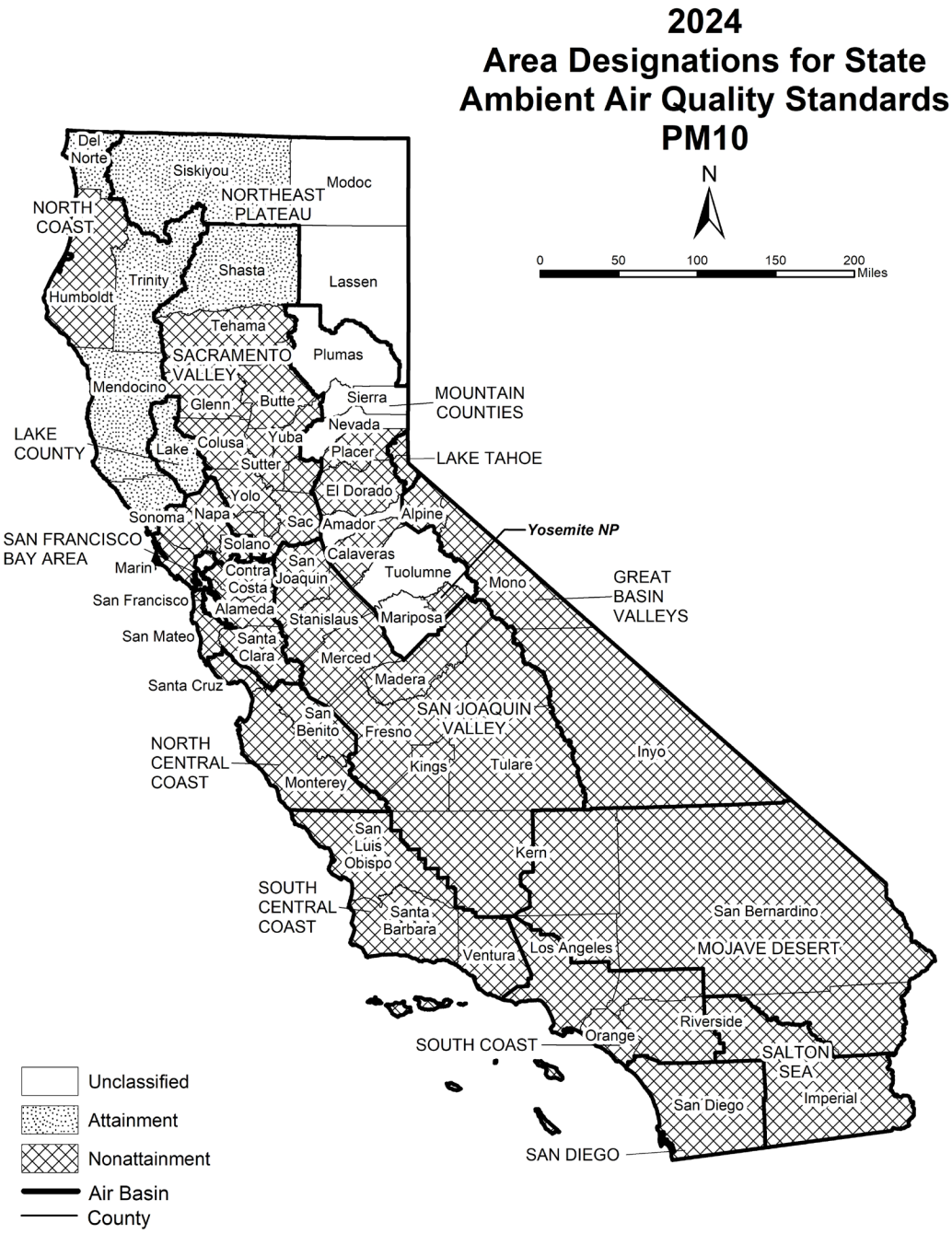


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Table 2
California Ambient Air Quality Standards Area Designations for Suspended Particulate Matter (PM_{10})

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	N
LAKE COUNTY AIR BASIN	A
LAKE TAHOE AIR BASIN	N
MOJAVE DESERT AIR BASIN	N
MOUNTAIN COUNTIES AIR BASIN	
Amador County	U
Calaveras County	N
El Dorado County (portion)	N
Mariposa County	
- Yosemite National Park	N
- Remainder of County	U
Nevada County	U
Placer County (portion)	N
Plumas County	U
Sierra County	U
Tuolumne County	U
NORTH CENTRAL COAST AIR BASIN	N
NORTH COAST AIR BASIN	
Del Norte, Mendocino, Sonoma (portion) and Trinity Counties	A
Remainder of Air Basin	N
NORTHEAST PLATEAU AIR BASIN	
Siskiyou County	A
Remainder of Air Basin	U
SACRAMENTO VALLEY AIR BASIN	
Shasta County	A
Remainder of Air Basin	N
SALTON SEA AIR BASIN	N
SAN DIEGO AIR BASIN	N
SAN FRANCISCO BAY AREA AIR BASIN	N
SAN JOAQUIN VALLEY AIR BASIN	N
SOUTH CENTRAL COAST AIR BASIN	N
SOUTH COAST AIR BASIN	N

Figure 2



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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	A
LAKE COUNTY AIR BASIN	A
LAKE TAHOE AIR BASIN	A
MOJAVE DESERT AIR BASIN	A
MOUNTAIN COUNTIES AIR BASIN	
Plumas County	
- Portola Valley[2]	N
- Remainder Plumas County	U
Remainder of Air Basin	U
NORTH CENTRAL COAST AIR BASIN	A
NORTH COAST AIR BASIN	A
NORTHEAST PLATEAU AIR BASIN	A
SACRAMENTO VALLEY AIR BASIN	
Butte County	A
Colusa County	A
Glenn County	A
Placer County (portion)	A
Sacramento County	A
Shasta County	A
Sutter and Yuba Counties	N
Remainder of Air Basin	U
SALTON SEA AIR BASIN	
Imperial County	
- City of Calexico[3]	N
Remainder of Air Basin	A
SAN DIEGO AIR BASIN	N
SAN FRANCISCO BAY AREA AIR BASIN	A
SAN JOAQUIN VALLEY AIR BASIN	N
SOUTH CENTRAL COAST AIR BASIN	A
SOUTH COAST AIR BASIN	N

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

Figure 3



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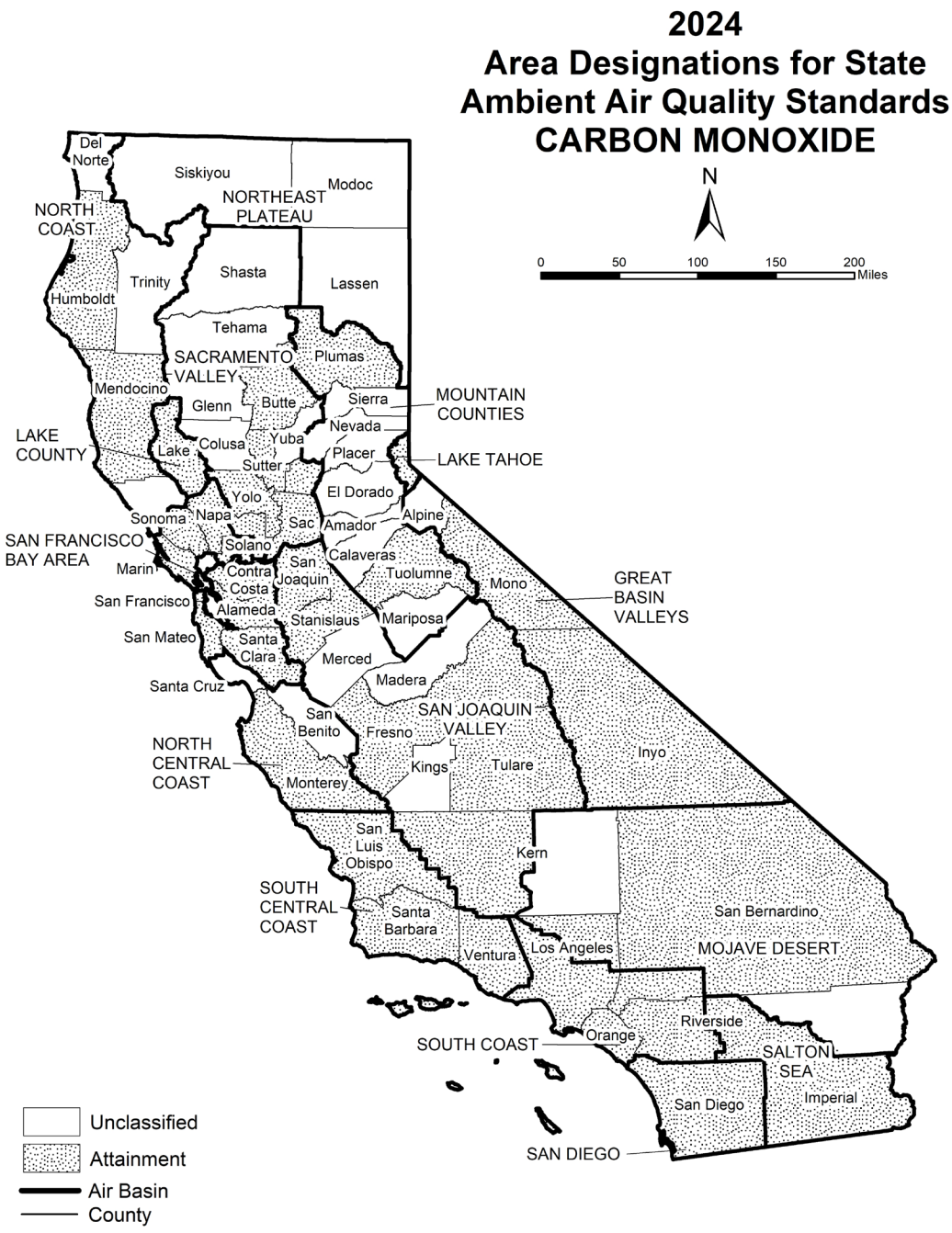
Table 4
California Ambient Air Quality Standards Area Designations for Carbon Monoxide*

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

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

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

Figure 4



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

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

Figure 5



Last Updated: November 2024
Air Quality Planning and Science Division, CARB

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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	A
LAKE COUNTY AIR BASIN	A
LAKE TAHOE AIR BASIN	A
MOJAVE DESERT AIR BASIN	A
MOUNTAIN COUNTIES AIR BASIN	A
NORTH CENTRAL COAST AIR BASIN	A
NORTH COAST AIR BASIN	A
NORTHEAST PLATEAU AIR BASIN	A
SACRAMENTO VALLEY AIR BASIN	A
SALTON SEA AIR BASIN	A
SAN DIEGO AIR BASIN	A
SAN FRANCISCO BAY AREA AIR BASIN	A
SAN JOAQUIN VALLEY AIR BASIN	A
SOUTH CENTRAL COAST AIR BASIN	A
SOUTH COAST AIR BASIN	A

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

Figure 6



Last Updated: November 2024
Air Quality Planning and Science Division, CARB

Table 7
California Ambient Air Quality Standards Area Designations for Sulfates

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	A
LAKE COUNTY AIR BASIN	A
LAKE TAHOE AIR BASIN	A
MOJAVE DESERT AIR BASIN	A
MOUNTAIN COUNTIES AIR BASIN	A
NORTH CENTRAL COAST AIR BASIN	A
NORTH COAST AIR BASIN	A
NORTHEAST PLATEAU AIR BASIN	A
SACRAMENTO VALLEY AIR BASIN	A
SALTON SEA AIR BASIN	A
SAN DIEGO AIR BASIN	A
SAN FRANCISCO BAY AREA AIR BASIN	A
SAN JOAQUIN VALLEY AIR BASIN	A
SOUTH CENTRAL COAST AIR BASIN	A
SOUTH COAST AIR BASIN	A

Figure 7



Last Updated: November 2024
Air Quality Planning and Science Division, CARB

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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	A
LAKE COUNTY AIR BASIN	A
LAKE TAHOE AIR BASIN	A
MOJAVE DESERT AIR BASIN	A
MOUNTAIN COUNTIES AIR BASIN	A
NORTH CENTRAL COAST AIR BASIN	A
NORTH COAST AIR BASIN	A
NORTHEAST PLATEAU AIR BASIN	A
SACRAMENTO VALLEY AIR BASIN	A
SALTON SEA AIR BASIN	A
SAN DIEGO AIR BASIN	A
SAN FRANCISCO BAY AREA AIR BASIN	A
SAN JOAQUIN VALLEY AIR BASIN	A
SOUTH CENTRAL COAST AIR BASIN	A
SOUTH COAST AIR BASIN	A

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

Figure 8



Last Updated: November 2024
Air Quality Planning and Science Division, CARB

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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	
Alpine County	U
Inyo County	A
Mono County	A
LAKE COUNTY AIR BASIN	A
LAKE TAHOE AIR BASIN	U
MOJAVE DESERT AIR BASIN	
Kern County (portion)	U
Los Angeles County (portion)	U
Riverside County (portion)	U
San Bernardino County (portion)	
- Searles Valley Planning Area[4]	N
- Remainder of County	U
MOUNTAIN COUNTIES AIR BASIN	
Amador County	
- City of Sutter Creek	N
- Remainder of County	U
Calaveras County	U
El Dorado County (portion)	U
Mariposa County	U
Nevada County	U
Placer County (portion)	U
Plumas County	U
Sierra County	U
Tuolumne County	U

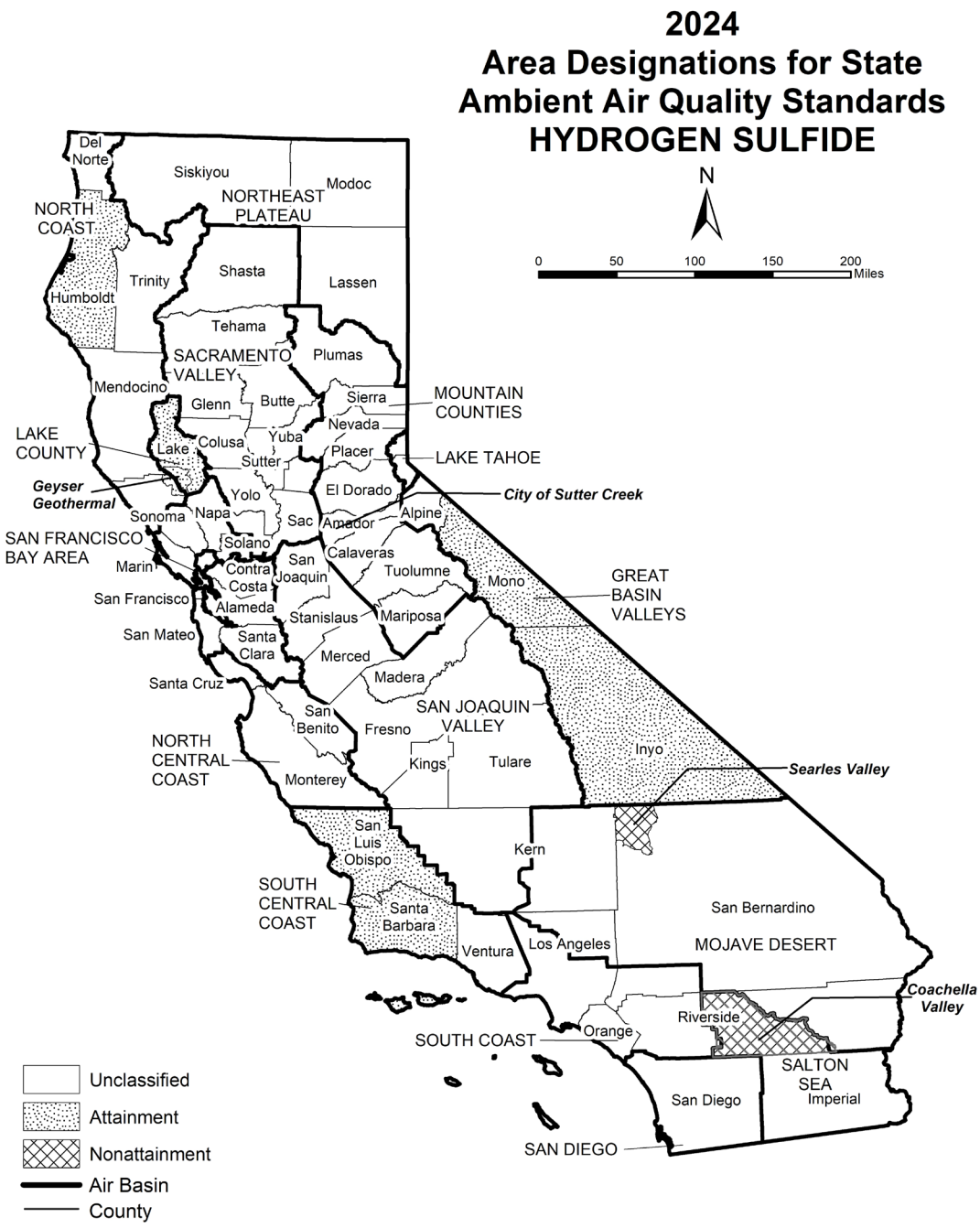
Area	Designations
NORTH CENTRAL COAST AIR BASIN	U
NORTH COAST AIR BASIN	
Del Norte County	U
Humboldt County	A
Mendocino County	U
Sonoma County (portion)	
- Geyser Geothermal Area[5]	A
- Remainder of County	U
Trinity County	U
NORTHEAST PLATEAU AIR BASIN	U
SACRAMENTO VALLEY AIR BASIN	U
SALTON SEA AIR BASIN	
Riverside County (portion)	N
Imperial County	U
SAN DIEGO AIR BASIN	U
SAN FRANCISCO BAY AREA AIR BASIN	U
SAN JOAQUIN VALLEY AIR BASIN	U
SOUTH CENTRAL COAST AIR BASIN	
San Luis Obispo County	A
Santa Barbara County	A
Ventura County	U
SOUTH COAST AIR BASIN	U

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

[4] 52 Federal Register 29384 (August 7, 1987)

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

Figure 9

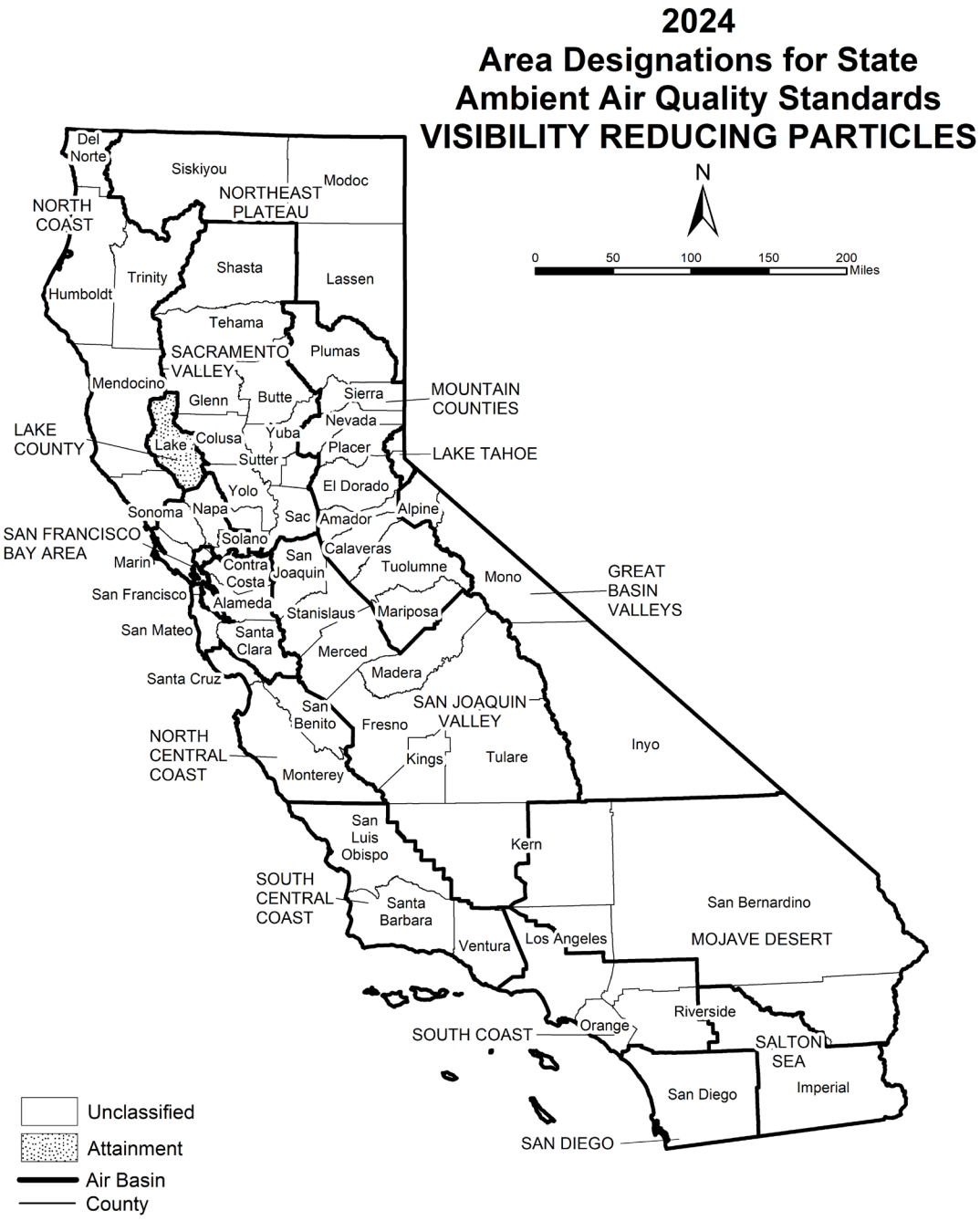


Last Updated: November 2024
Air Quality Planning and Science Division, CARB

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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	U
LAKE COUNTY AIR BASIN	A
LAKE TAHOE AIR BASIN	U
MOJAVE DESERT AIR BASIN	U
MOUNTAIN COUNTIES AIR BASIN	U
NORTH CENTRAL COAST AIR BASIN	U
NORTH COAST AIR BASIN	U
NORTHEAST PLATEAU AIR BASIN	U
SACRAMENTO VALLEY AIR BASIN	U
SALTON SEA AIR BASIN	U
SAN DIEGO AIR BASIN	U
SAN FRANCISCO BAY AREA AIR BASIN	U
SAN JOAQUIN VALLEY AIR BASIN	U
SOUTH CENTRAL COAST AIR BASIN	U
SOUTH COAST AIR BASIN	U

Figure 10



Last Updated: November 2024
Air Quality Planning and Science Division, CARB

Area Designations for the National Ambient Air Quality Standards

The following maps and tables show the area designations for each pollutant with a national ambient air quality standard. These maps reflect all current national standards. For example, the map for Fine Suspended Particulate Matter ($PM_{2.5}$) reflects both the annual and the 24-hour standard. Additional information about the federal area designations is available on the U.S. EPA website: *Nonattainment Areas for Criteria Pollutants (Green Book)*

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

On February 7, 2024, the U.S. EPA established a new national annual primary $PM_{2.5}$ standard of 9.0 µg/m^3. Area designations for this revised standard will be finalized in February 2026. Until that time, the current designation map will reflect the most previous 2012 annual average standard of 12.0 µg/m^3 as well as the 24-hour standard of 35 µg/m^3, last revised in 2006.

Designation Categories

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

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

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

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

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

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

Designation Areas

From time to time, the boundaries of the California air basins have been changed to facilitate the planning process. CARB generally initiates these changes, and they are not always reflected in the U.S. EPA's area designations. For purposes of consistency,

the maps in this attachment reflect area designation boundaries and nomenclature as promulgated by the U.S. EPA. In some cases, these may not be the same as those adopted by CARB. For example, the national area designations reflect the former Southeast Desert Air Basin. In accordance with Health and Safety Code section 39606.1, CARB redefined this area in 1996 to be the Mojave Desert Air Basin and Salton Sea Air Basin. The definitions and boundaries for all areas designated for the national standards can be found in Title 40, Code of Federal Regulations (CFR), Chapter I, Subchapter C, Part 81.305. They are available on the web at: *Title 40 SECTION 81.305*.

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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	U/A
LAKE COUNTY AIR BASIN	U/A
LAKE TAHOE AIR BASIN	U/A
MOUNTAIN COUNTIES AIR BASIN	
Amador County	N
Calaveras County	N
El Dorado County (portion)[6]	N
Mariposa County	N
Nevada County	
- Western Nevada County	N
- Remainder of County	U/A
Placer County (portion)[6]	N
Plumas County	U/A
Sierra County	U/A
Tuolumne County	N
NORTH CENTRAL COAST AIR BASIN	U/A
NORTH COAST AIR BASIN	U/A
NORTHEAST PLATEAU AIR BASIN	U/A
SACRAMENTO VALLEY AIR BASIN	
Butte County	N
Colusa County	U/A
Glenn County	U/A
Sacramento Metro Area[6]	N
Shasta County	U/A
Sutter County	
- Sutter Buttes	N
- Southern portion of Sutter County[6]	N
- Remainder of Sutter County	U/A
Tehama County	
- Tuscan Buttes	N
- Remainder of Tehama County	U/A

Area	Designations
SACRAMENTO VALLEY AIR BASIN (cont.)	
Yolo County[6]	N
Yuba County	U/A
SAN DIEGO COUNTY	N
SAN FRANCISCO BAY AREA AIR BASIN	N
SAN JOAQUIN VALLEY AIR BASIN	N
SOUTH CENTRAL COAST AIR BASIN[7]	
San Luis Obispo County	
- Eastern San Luis Obispo County	N
- Remainder of County	U/A
Santa Barbara County	U/A
Ventura County	
- Area Excluding Anacapa and San Nicolas Islands	N
- Channel Islands[7]	U/A
SOUTH COAST AIR BASIN[7]	N
SOUTHEAST DESERT AIR BASIN	
Kern County (portion)	N
- Indian Wells Valley	U/A
Imperial County	N
Los Angeles County (portion)	N
Riverside County (portion)	
- Coachella Valley	N
- Non-AQMA portion	U/A
San Bernardino County	
- Western portion (AQMA)	N
- Eastern portion (non-AQMA)	U/A

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

NOTE: This map and Table reflect the 2015 8-hour ozone standard of 0.070 ppm.

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

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

Figure 11

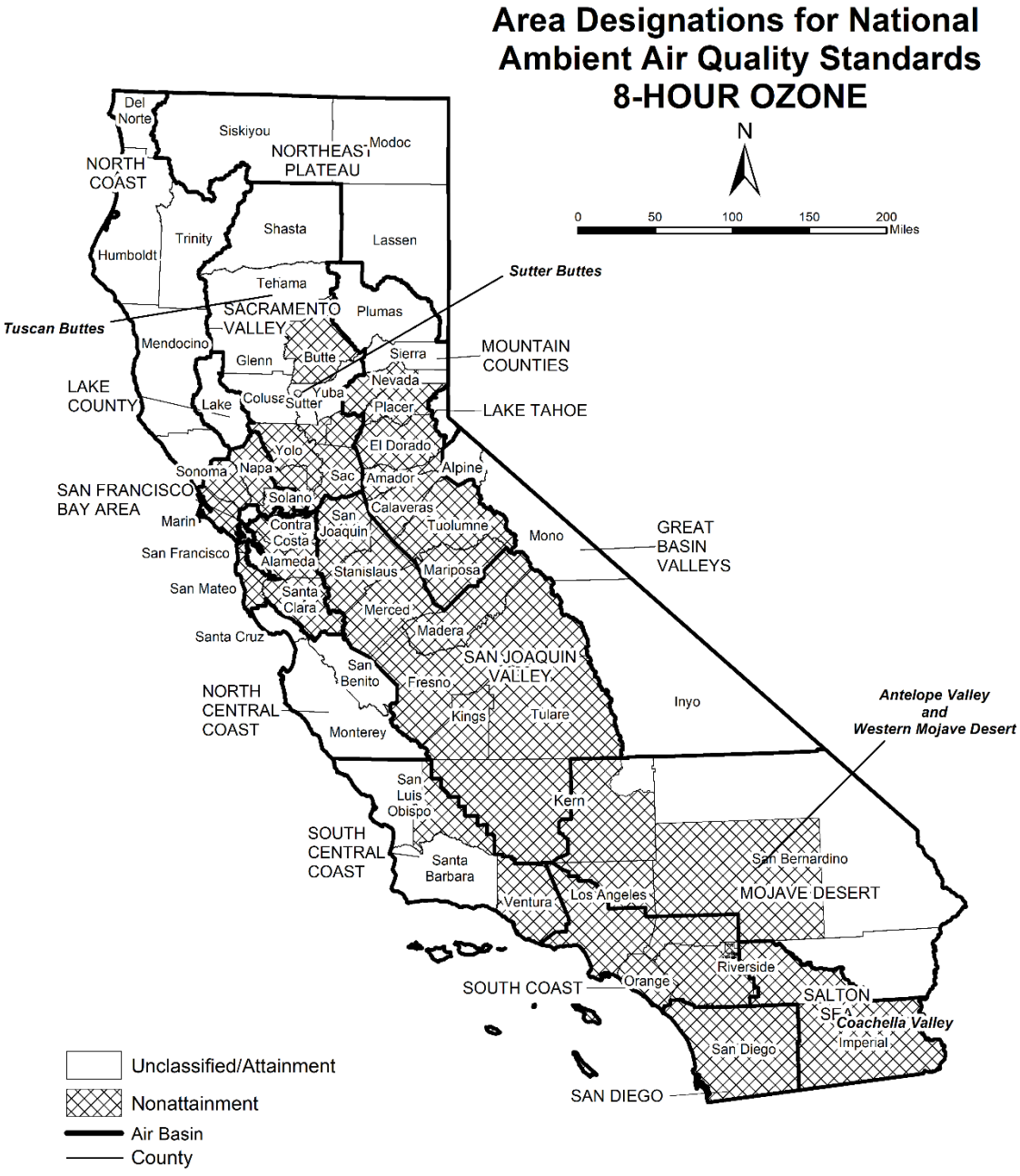

Area Designations for National Ambient Air Quality Standards
8-HOUR OZONE
N
0 50 100 150 200 Miles
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
NORTH COAST
Trinity
Shasta
Lassen
Humboldt
Tehama
Sutter Buttes
Tuscan Buttes
SACRAMENTO VALLEY
Plumas
Mendocino
Glenn
Butte
Sierra
MOUNTAIN COUNTIES
Nevada
LAKE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

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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	
Alpine County	U
Inyo County	
- Owens Valley Planning Area	N
- Coso Junction	A
- Remainder of County	U
Mono County	
- Mammoth Lake Planning Area	A
- Mono Lake Basin	N
- Remainder of County	U
LAKE COUNTY AIR BASIN	U
LAKE TAHOE AIR BASIN	U
MOUNTAIN COUNTIES AIR BASIN	U
NORTH CENTRAL COAST AIR BASIN	U
NORTH COAST AIR BASIN	U
NORTHEAST PLATEAU AIR BASIN	U
SACRAMENTO VALLEY AIR BASIN	
Sacramento County	A
Remainder of Air Basin	U
SAN DIEGO COUNTY	U
SAN FRANCISCO BAY AREA AIR BASIN	U
SAN JOAQUIN VALLEY AIR BASIN	A
SOUTH CENTRAL COAST AIR BASIN	U
SOUTH COAST AIR BASIN	A
SOUTHEAST DESERT AIR BASIN	
Eastern Kern County	
- Indian Wells Valley	A
- Portion within San Joaquin Valley Planning Area	N
- Remainder of County	U
Imperial County	
- Imperial Valley Planning Area	A
- Remainder of County	U
Los Angeles County (portion)	U
Riverside County (portion)	
- Coachella Valley	N
- Non-AQMA portion	U
San Bernardino County	
- Trona	N
- Remainder of County	N

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

Figure 12

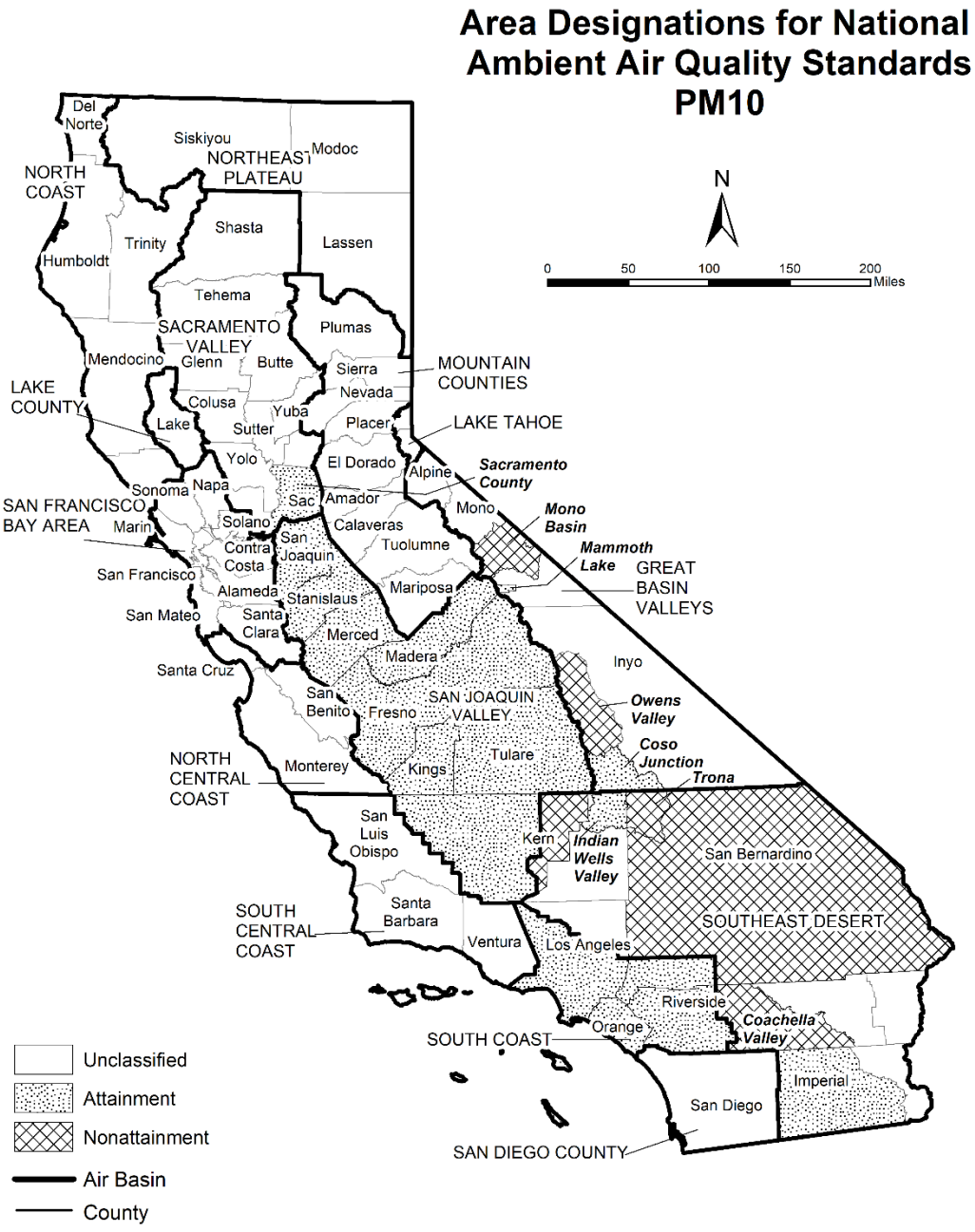

Area Designations for National Ambient Air Quality Standards PM10
N
0 50 100 150 200 Miles
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
NORTH COAST
Shasta
Trinity
Lassen
Humboldt
Tehema
SACRAMENTO VALLEY
Plumas
Mendocino
Glenn
Butte
Sierra
MOUNTAIN COUNTIES
Nevada
LAKE COUNTY
Colusa
Yuba
Lake
Sutter
Placer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

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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	U/A
LAKE COUNTY AIR BASIN	U/A
LAKE TAHOE AIR BASIN	U/A
MOUNTAIN COUNTIES AIR BASIN	
Plumas County	
- Portola Valley Portion of Plumas County	N
- Remainder of Plumas County	U/A
Remainder of Air Basin	U/A
NORTH CENTRAL COAST AIR BASIN	U/A
NORTH COAST AIR BASIN	U/A
NORTHEAST PLATEAU AIR BASIN	U/A
SACRAMENTO VALLEY AIR BASIN	
Sacramento Metro Area[8]	N
Remainder of Air Basin	U/A
SAN DIEGO COUNTY	U/A
SAN FRANCISCO BAY AREA AIR BASIN[9]	N
SAN JOAQUIN VALLEY AIR BASIN	N
SOUTH CENTRAL COAST AIR BASIN	U/A
SOUTH COAST AIR BASIN[10]	N
SOUTHEAST DESERT AIR BASIN	
Imperial County (portion)[11]	N
Remainder of Air Basin	U/A

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

NOTE: This map reflects the 2006 24-hour $PM_{2.5}$ standard as well as the 1997 and 2012 $PM_{2.5}$ annual standards.

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

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

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

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

Figure 13

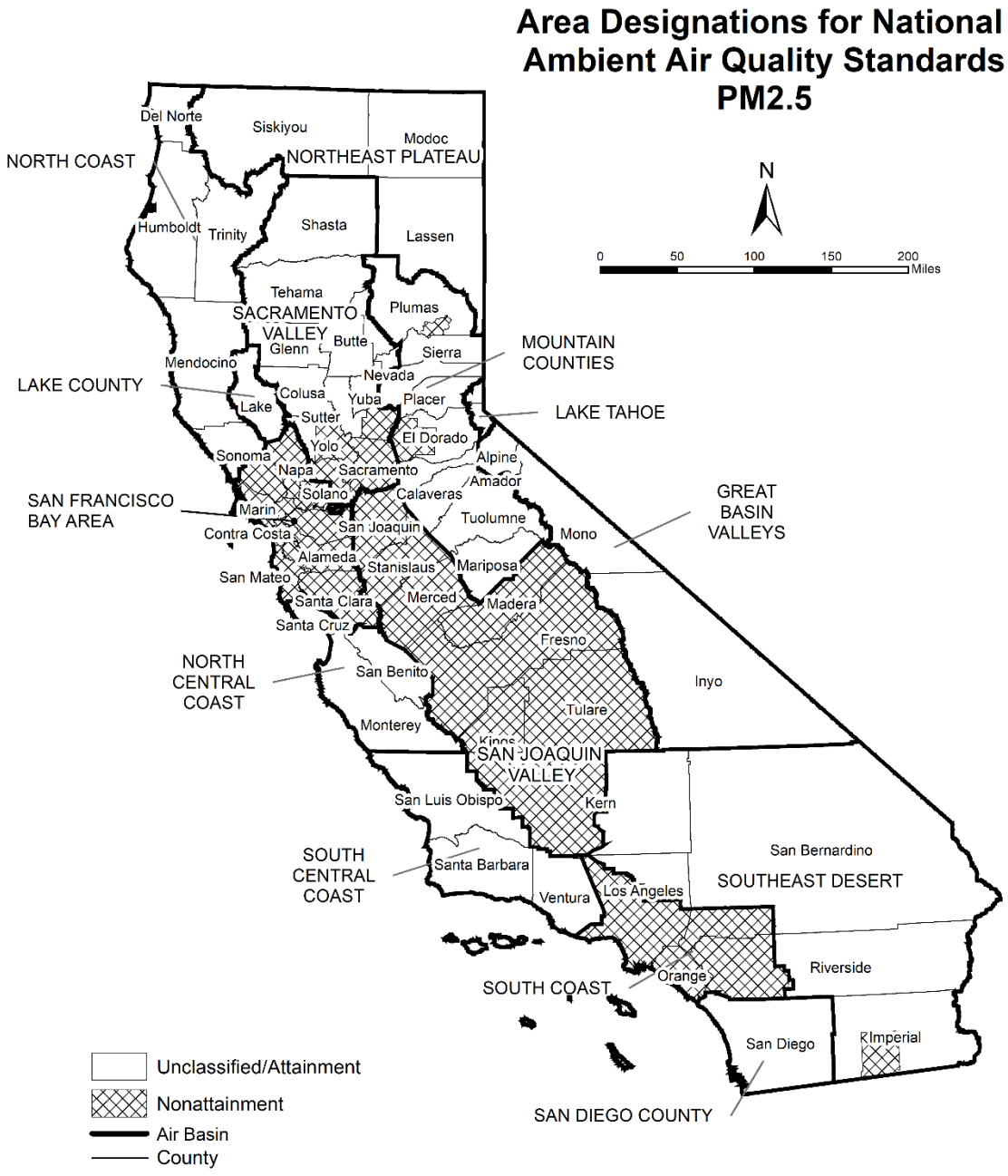

Area Designations for National Ambient Air Quality Standards PM2.5
N
0 50 100 150 200 Miles
NORTH COAST
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
Humboldt
Trinity
Shasta
Lassen
Tehama
SACRAMENTO VALLEY
Plumas
Glenn
Butte
Sierra
MOUNTAIN COUNTIES
Mendocino
Nevada
LAKE COUNTY
Colusa
Yuba
Placer
Lake
Sutter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

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

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

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

Figure 14



Last Updated: November 2023
Air Quality Planning and Science Division

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

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

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

Figure 15

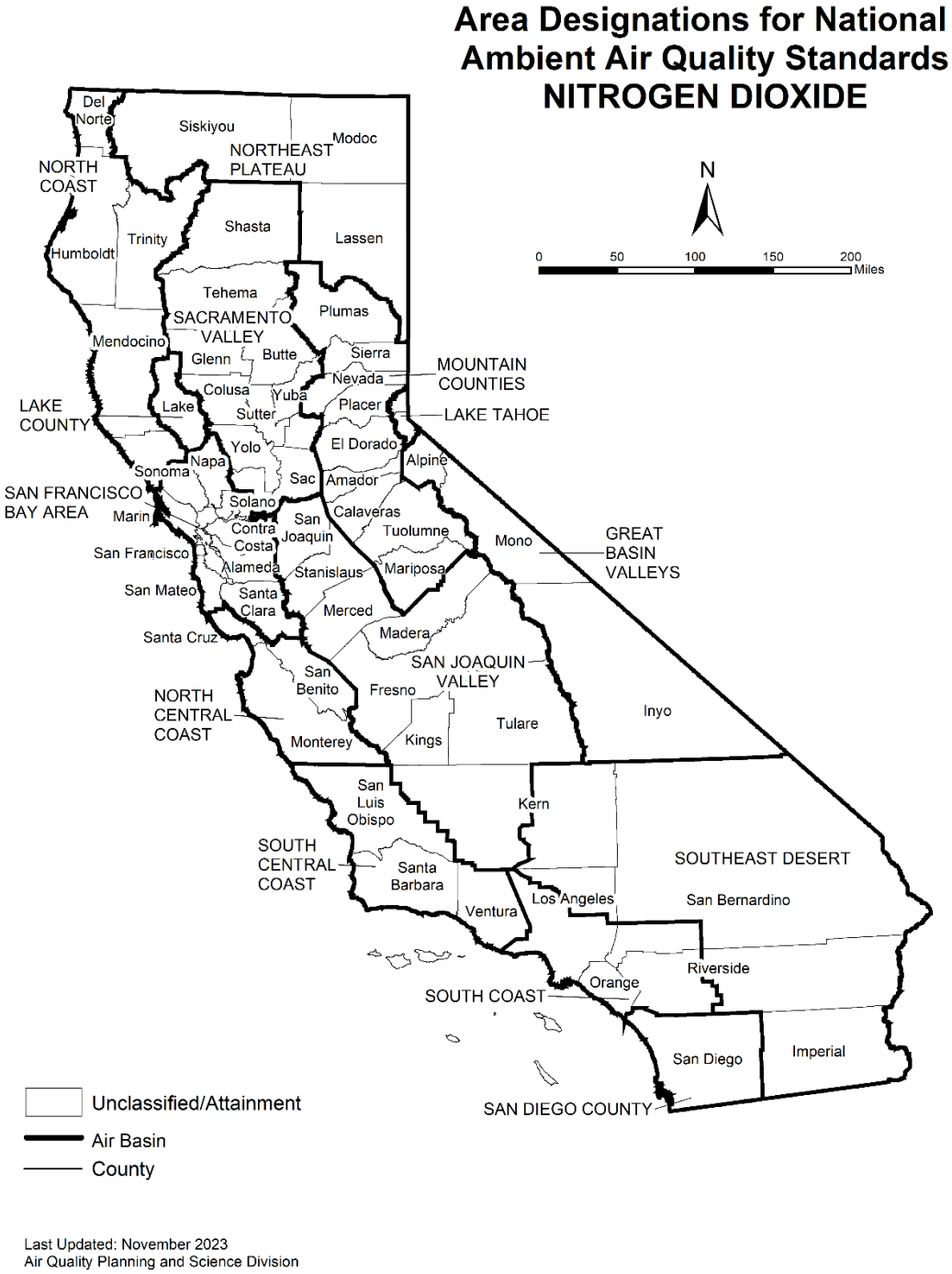

Area Designations for National Ambient Air Quality Standards
NITROGEN DIOXIDE
N
0 50 100 150 200 Miles
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
NORTH COAST
Trinity
Shasta
Lassen
Humboldt
Tehema
Plumas
SACRAMENTO VALLEY
Mendocino
Glenn
Butte
Sierra
Nevada
MOUNTAIN COUNTIES
Colusa
Yuba
Placer
LAKE TAHOE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

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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	U/A
LAKE COUNTY AIR BASIN	U/A
LAKE TAHOE AIR BASIN	U/A
MOUNTAIN COUNTIES AIR BASIN	U/A
NORTH CENTRAL COAST AIR BASIN	U/A
NORTH COAST AIR BASIN	U/A
NORTHEAST PLATEAU AIR BASIN	U/A
SACRAMENTO VALLEY AIR BASIN	U/A
SAN DIEGO COUNTY	U/A
SAN FRANCISCO BAY AREA AIR BASIN	U/A
SAN JOAQUIN VALLEY AIR BASIN	U/A
SOUTH CENTRAL COAST AIR BASIN[12]	U/A
SOUTH COAST AIR BASIN	U/A
SOUTHEAST DESERT AIR BASIN	U/A

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

NOTE: This map and table reflect the 2010 1-hour SO_2 standard of 75 ppb.

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

Figure 16

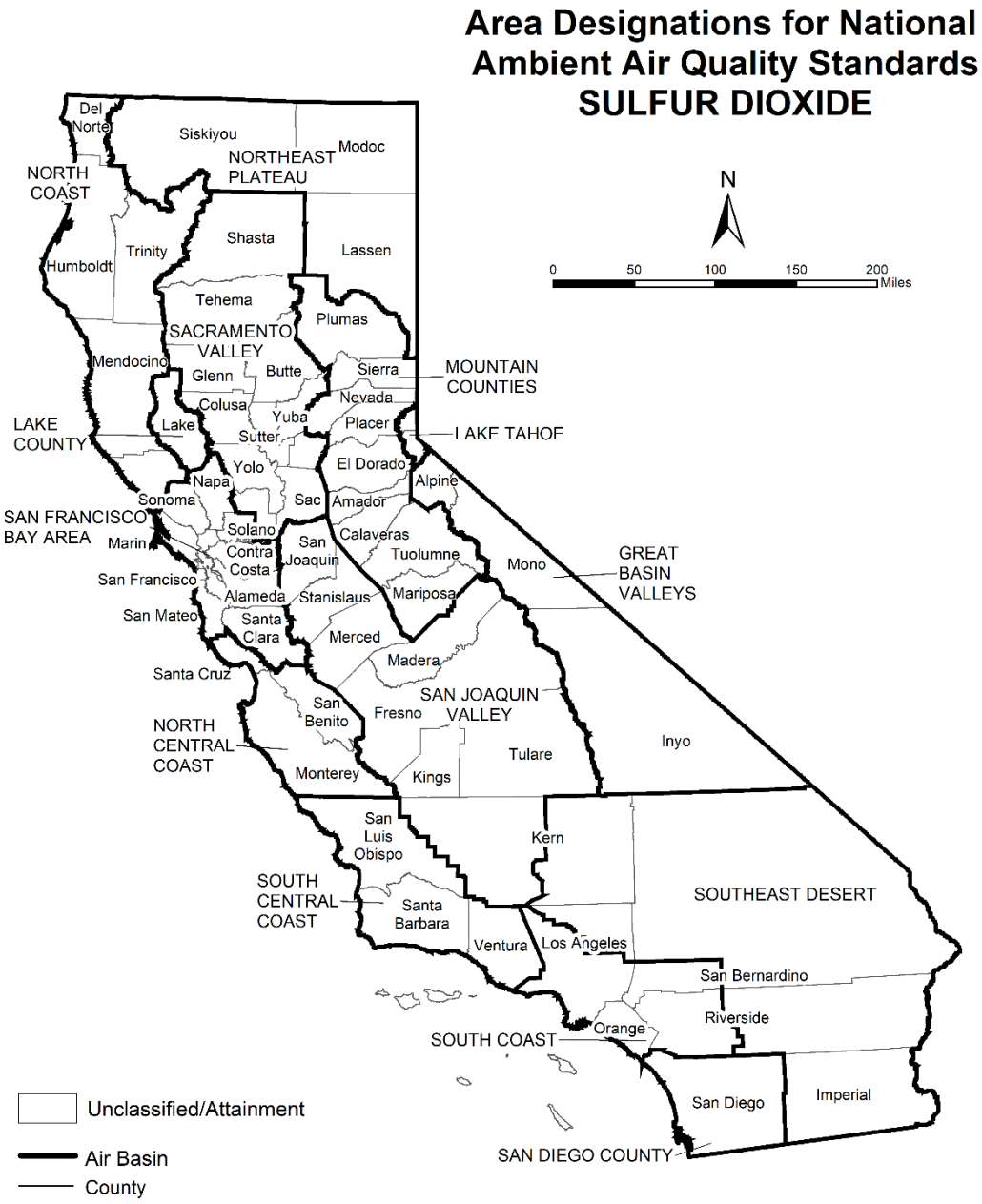
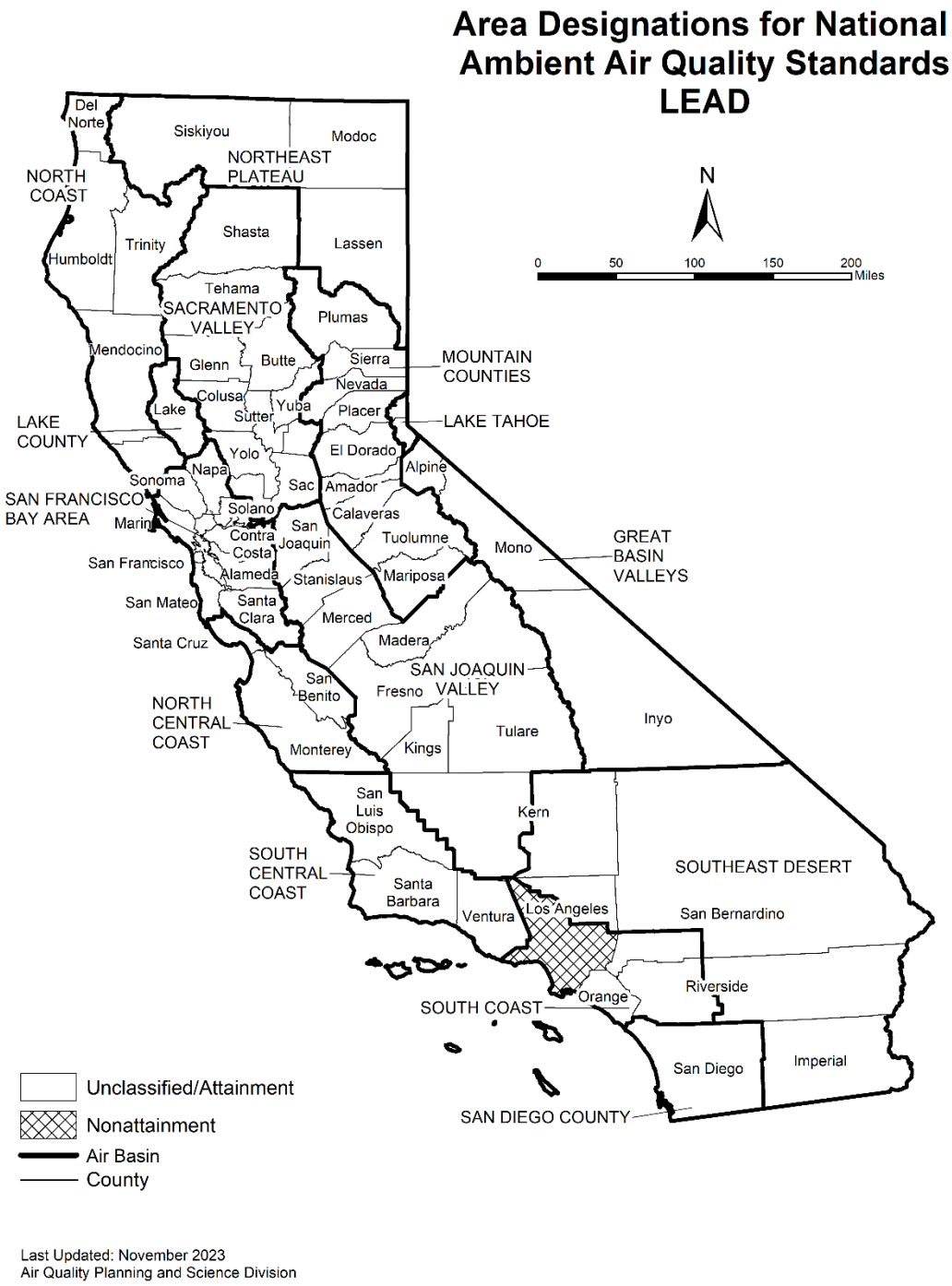

Area Designations for National Ambient Air Quality Standards
SULFUR DIOXIDE
N
0 50 100 150 200 Miles
Del Norte
Siskiyou
Modoc
NORTHEAST PLATEAU
NORTH COAST
Shasta
Lassen
Trinity
Humboldt
Tehema
Plumas
SACRAMENTO VALLEY
Mendocino
Glenn
Butte
Sierra
MOUNTAIN COUNTIES
Nevada
Colusa
Yuba
Placer
LAKE COUNTY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

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

Area	Designations
GREAT BASIN VALLEYS AIR BASIN	U/A
LAKE COUNTY AIR BASIN	U/A
LAKE TAHOE AIR BASIN	U/A
MOUNTAIN COUNTIES AIR BASIN	U/A
NORTH CENTRAL COAST AIR BASIN	U/A
NORTH COAST AIR BASIN	U/A
NORTHEAST PLATEAU AIR BASIN	U/A
SACRAMENTO VALLEY AIR BASIN	U/A
SAN DIEGO COUNTY	U/A
SAN FRANCISCO BAY AREA AIR BASIN	U/A
SAN JOAQUIN VALLEY AIR BASIN	U/A
SOUTH CENTRAL COAST AIR BASIN	U/A
SOUTH COAST AIR BASIN	
Los Angeles County (portion)[13]	N
Remainder of Air Basin	U/A
SOUTHEAST DESERT AIR BASIN	U/A

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

Figure 17


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

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APPENDIX 3.1:

CALEEMOD EXISTING EMISSIONS OUTPUTS

Heritage Valley Business (Existing) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Heritage Valley Business (Existing)
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	0.20
Location	33.73865885035649, -117.18269182589174
County	Riverside-South Coast
City	Menifee
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5517
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	4.00	1000sqft	0.09	4,000	0.00	—	—	—

User Defined Industrial	4.00	User Defined Unit	0.00	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.83	0.68	5.33	7.66	0.06	0.10	3.19	3.29	0.09	0.83	0.92	3.80	6,609	6,613	0.51	0.79	17.8	6,880
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.78	0.63	5.58	6.38	0.06	0.10	3.19	3.29	0.09	0.83	0.92	3.80	6,503	6,506	0.52	0.79	0.46	6,757
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.62	0.51	4.13	4.93	0.04	0.07	2.33	2.40	0.07	0.61	0.68	3.80	4,779	4,783	0.48	0.58	5.63	4,974
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.11	0.09	0.75	0.90	0.01	0.01	0.43	0.44	0.01	0.11	0.12	0.63	791	792	0.08	0.10	0.93	824

2.5. Operations Emissions by Sector, Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.70	0.56	5.31	7.47	0.06	0.09	3.19	3.29	0.09	0.83	0.92	—	6,561	6,561	0.13	0.79	17.8	6,816
Area	0.13	0.12	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.72	0.72	< 0.005	< 0.005	—	0.72
Energy	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	41.9	41.9	< 0.005	< 0.005	—	42.1
Water	—	—	—	—	—	—	—	—	—	—	—	1.77	5.97	7.74	0.18	< 0.005	—	13.6
Waste	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.09
Total	0.83	0.68	5.33	7.66	0.06	0.10	3.19	3.29	0.09	0.83	0.92	3.80	6,609	6,613	0.51	0.79	17.8	6,880
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.68	0.54	5.56	6.37	0.06	0.09	3.19	3.29	0.09	0.83	0.92	—	6,455	6,455	0.13	0.79	0.46	6,694
Area	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	41.9	41.9	< 0.005	< 0.005	—	42.1
Water	—	—	—	—	—	—	—	—	—	—	—	1.77	5.97	7.74	0.18	< 0.005	—	13.6
Waste	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.09
Total	0.78	0.63	5.58	6.38	0.06	0.10	3.19	3.29	0.09	0.83	0.92	3.80	6,503	6,506	0.52	0.79	0.46	6,757
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.50	0.39	4.11	4.79	0.04	0.07	2.33	2.40	0.07	0.61	0.67	—	4,730	4,730	0.09	0.58	5.63	4,911
Area	0.12	0.12	< 0.005	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.49	0.49	< 0.005	< 0.005	—	0.49
Energy	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	41.9	41.9	< 0.005	< 0.005	—	42.1
Water	—	—	—	—	—	—	—	—	—	—	—	1.77	5.97	7.74	0.18	< 0.005	—	13.6
Waste	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.09
Total	0.62	0.51	4.13	4.93	0.04	0.07	2.33	2.40	0.07	0.61	0.68	3.80	4,779	4,783	0.48	0.58	5.63	4,974
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.09	0.07	0.75	0.87	0.01	0.01	0.43	0.44	0.01	0.11	0.12	—	783	783	0.02	0.10	0.93	813
Area	0.02	0.02	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.08	0.08	< 0.005	< 0.005	—	0.08
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.94	6.94	< 0.005	< 0.005	—	6.97

Water	—	—	—	—	—	—	—	—	—	—	—	0.29	0.99	1.28	0.03	< 0.005	—	2.25
Waste	—	—	—	—	—	—	—	—	—	—	—	0.34	0.00	0.34	0.03	0.00	—	1.17
Total	0.11	0.09	0.75	0.90	0.01	0.01	0.43	0.44	0.01	0.11	0.12	0.63	791	792	0.08	0.10	0.93	824

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.47	0.42	0.26	5.86	0.01	0.01	1.42	1.43	< 0.005	0.36	0.36	—	1,404	1,404	0.04	0.03	3.78	1,418
User Defined Industrial	0.23	0.14	5.05	1.61	0.05	0.09	1.77	1.86	0.08	0.47	0.56	—	5,156	5,156	0.09	0.76	14.1	5,399
Total	0.70	0.56	5.31	7.47	0.06	0.09	3.19	3.29	0.09	0.83	0.92	—	6,561	6,561	0.13	0.79	17.8	6,816
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.45	0.40	0.29	4.74	0.01	0.01	1.42	1.43	< 0.005	0.36	0.36	—	1,297	1,297	0.04	0.03	0.10	1,307
User Defined Industrial	0.23	0.13	5.27	1.62	0.05	0.09	1.77	1.86	0.08	0.47	0.56	—	5,158	5,158	0.09	0.76	0.36	5,387

Total	0.68	0.54	5.56	6.37	0.06	0.09	3.19	3.29	0.09	0.83	0.92	—	6,455	6,455	0.13	0.79	0.46	6,694
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.06	0.05	0.04	0.66	< 0.005	< 0.005	0.19	0.19	< 0.005	0.05	0.05	—	159	159	0.01	< 0.005	0.20	160
User Defined Industrial	0.03	0.02	0.71	0.22	0.01	0.01	0.24	0.25	0.01	0.06	0.07	—	624	624	0.01	0.09	0.73	653
Total	0.09	0.07	0.75	0.87	0.01	0.01	0.43	0.44	0.01	0.11	0.12	—	783	783	0.02	0.10	0.93	813

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5	< 0.005	< 0.005	—	17.6
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5	< 0.005	< 0.005	—	17.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5	< 0.005	< 0.005	—	17.6
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5	< 0.005	< 0.005	—	17.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	2.89	2.89	< 0.005	< 0.005	—	2.91
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.89	2.89	< 0.005	< 0.005	—	2.91

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.5	24.5	< 0.005	< 0.005	—	24.5
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.5	24.5	< 0.005	< 0.005	—	24.5

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.5	24.5	< 0.005	< 0.005	—	24.5
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.5	24.5	< 0.005	< 0.005	—	24.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.05	4.05	< 0.005	< 0.005	—	4.06
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.05	4.05	< 0.005	< 0.005	—	4.06

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.09	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.03	0.03	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.72	0.72	< 0.005	< 0.005	—	0.72
Total	0.13	0.12	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.72	0.72	< 0.005	< 0.005	—	0.72
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.09	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.08	0.08	< 0.005	< 0.005	—	0.08
Total	0.02	0.02	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.08	0.08	< 0.005	< 0.005	—	0.08

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1.77	5.97	7.74	0.18	< 0.005	—	13.6
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.77	5.97	7.74	0.18	< 0.005	—	13.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1.77	5.97	7.74	0.18	< 0.005	—	13.6
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.77	5.97	7.74	0.18	< 0.005	—	13.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.29	0.99	1.28	0.03	< 0.005	—	2.25

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.29	0.99	1.28	0.03	< 0.005	—	2.25

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.09
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.09
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.09
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.09

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.34	0.00	0.34	0.03	0.00	—	1.17
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.34	0.00	0.34	0.03	0.00	—	1.17

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	108	9.11	3.64	28,736	2,042	173	69.1	544,921

User Defined Industrial	69.3	5.86	2.35	18,504	2,032	172	68.8	542,353

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	6,000	2,000	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	18,409	346	0.0330	0.0040	76,369
User Defined Industrial	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	925,000	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	3.76	—
User Defined Industrial	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.8	annual days of extreme heat
Extreme Precipitation	2.60	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	9.89	annual hectares burned

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

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	91.1
AQ-PM	49.2
AQ-DPM	31.8
Drinking Water	10.2
Lead Risk Housing	16.1

Pesticides	27.2
Toxic Releases	23.1
Traffic	72.3
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	22.1
Haz Waste Facilities/Generators	23.7
Impaired Water Bodies	0.00
Solid Waste	52.9
Sensitive Population	—
Asthma	42.3
Cardio-vascular	74.9
Low Birth Weights	9.85
Socioeconomic Factor Indicators	—
Education	58.9
Housing	12.8
Linguistic	7.38
Poverty	50.7
Unemployment	30.9

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	31.83626331
Employed	9.39304504
Median HI	19.47901963
Education	—

Bachelor's or higher	31.46413448
High school enrollment	100
Preschool enrollment	61.41408957
Transportation	—
Auto Access	91.71050943
Active commuting	43.93686642
Social	—
2-parent households	8.456306942
Voting	25.54856923
Neighborhood	—
Alcohol availability	85.78211215
Park access	2.194276915
Retail density	15.48825869
Supermarket access	15.07763377
Tree canopy	1.077890414
Housing	—
Homeownership	92.2751187
Housing habitability	54.38213782
Low-inc homeowner severe housing cost burden	5.658924676
Low-inc renter severe housing cost burden	73.36070833
Uncrowded housing	54.63877839
Health Outcomes	—
Insured adults	13.51212627
Arthritis	4.6
Asthma ER Admissions	63.2
High Blood Pressure	6.0
Cancer (excluding skin)	16.1
Asthma	21.6

Coronary Heart Disease	3.6
Chronic Obstructive Pulmonary Disease	5.0
Diagnosed Diabetes	23.2
Life Expectancy at Birth	14.6
Cognitively Disabled	97.6
Physically Disabled	26.6
Heart Attack ER Admissions	35.8
Mental Health Not Good	30.2
Chronic Kidney Disease	7.4
Obesity	24.6
Pedestrian Injuries	72.5
Physical Health Not Good	21.6
Stroke	8.8
Health Risk Behaviors	—
Binge Drinking	69.8
Current Smoker	21.9
No Leisure Time for Physical Activity	24.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	19.9
Elderly	29.3
English Speaking	74.5
Foreign-born	34.9
Outdoor Workers	34.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	81.9
Traffic Density	49.5

Traffic Access	23.0
Other Indices	—
Hardship	81.8
Other Decision Support	—
2016 Voting	40.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	27.0
Healthy Places Index Score for Project Location (b)	20.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Total Project are is 41.22 net acres
Construction: Construction Phases	Construction schedule based on information provided by the Project Team
Construction: Off-Road Equipment	Equipment based on consultation with Project Team

Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Demolition, Site Preparation, Grading, and Building Construction.
Construction: Architectural Coatings	Rule 1113
Operations: Vehicle Data	Trip characteristics based on information provided in the Traffic analysis
Operations: Fleet Mix	Passenger Car Mix estimated based on the CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, & MCY). Truck Mix based on information in the Traffic analysis
Operations: Energy Use	Energy usage based on consultation with the Project Team

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APPENDIX 4.1:

CALEEMOD PROPOSED EMISSIONS MODEL OUTPUTS

Heritage Valley Business Center (80 TSF Cold Storage) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Heritage Valley Business Center (80 TSF Cold Storage)
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	0.20
Location	33.73865885035649, -117.18269182589174
County	Riverside-South Coast
City	Menifee
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5517
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	750	1000sqft	22.0	749,755	207,009	—	—	—

User Defined Industrial	750	User Defined Unit	0.00	0.00	0.00	—	—	Warehouse
Refrigerated Warehouse-No Rail	80.0	1000sqft	1.84	80,000	0.00	—	—	—
User Defined Industrial	80.0	User Defined Unit	0.00	0.00	0.00	—	—	Cold Storage
Parking Lot	503	Space	1.21	0.00	0.00	—	—	—
Other Asphalt Surfaces	706	1000sqft	16.2	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	31.9	30.4	33.6	91.2	0.40	0.71	21.1	21.8	0.66	5.48	6.15	788	46,313	47,101	80.9	5.80	189	51,042
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	25.3	24.3	34.8	46.6	0.39	0.64	21.1	21.8	0.62	5.48	6.10	788	45,348	46,136	80.9	5.82	84.3	49,978
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	28.4	27.3	28.1	63.1	0.32	0.52	17.3	17.8	0.49	4.48	4.97	788	37,807	38,595	80.8	4.93	120	42,202

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.18	4.98	5.13	11.5	0.06	0.10	3.15	3.24	0.09	0.82	0.91	130	6,259	6,390	13.4	0.82	19.8	6,987

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.88	3.94	31.7	53.6	0.40	0.56	21.1	21.7	0.53	5.48	6.02	—	41,798	41,798	0.82	4.85	108	43,373
Area	26.4	25.9	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	31.9	30.4	33.6	91.2	0.40	0.71	21.1	21.8	0.66	5.48	6.15	788	46,313	47,101	80.9	5.80	189	51,042
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.72	3.79	33.2	45.1	0.39	0.56	21.1	21.7	0.53	5.48	6.02	—	40,982	40,982	0.83	4.87	2.79	42,458
Area	20.0	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	25.3	24.3	34.8	46.6	0.39	0.64	21.1	21.8	0.62	5.48	6.10	788	45,348	46,136	80.9	5.82	84.3	49,978

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.84	3.08	27.5	38.0	0.32	0.46	17.3	17.7	0.43	4.48	4.91	—	33,552	33,552	0.68	3.98	38.0	34,794
Area	24.4	24.0	0.21	24.7	< 0.005	0.04	—	0.04	0.03	—	0.03	—	102	102	< 0.005	< 0.005	—	102
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.17	0.16	0.44	0.40	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	80.5	80.5	< 0.005	< 0.005	0.00	80.8
Total	28.4	27.3	28.1	63.1	0.32	0.52	17.3	17.8	0.49	4.48	4.97	788	37,807	38,595	80.8	4.93	120	42,202
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.70	0.56	5.01	6.94	0.06	0.08	3.15	3.23	0.08	0.82	0.90	—	5,555	5,555	0.11	0.66	6.29	5,761
Area	4.45	4.39	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	466	466	0.04	0.01	—	469
Water	—	—	—	—	—	—	—	—	—	—	—	60.9	208	269	6.26	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	69.6	0.00	69.6	6.96	0.00	—	243
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5
Stationary	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4
Total	5.18	4.98	5.13	11.5	0.06	0.10	3.15	3.24	0.09	0.82	0.91	130	6,259	6,390	13.4	0.82	19.8	6,987

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.88	3.94	31.7	53.6	0.40	0.56	21.1	21.7	0.53	5.48	6.02	—	41,798	41,798	0.82	4.85	108	43,373
Area	26.4	25.9	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	31.9	30.4	33.6	91.2	0.40	0.71	21.1	21.8	0.66	5.48	6.15	788	46,313	47,101	80.9	5.80	189	51,042
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.72	3.79	33.2	45.1	0.39	0.56	21.1	21.7	0.53	5.48	6.02	—	40,982	40,982	0.83	4.87	2.79	42,458
Area	20.0	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	25.3	24.3	34.8	46.6	0.39	0.64	21.1	21.8	0.62	5.48	6.10	788	45,348	46,136	80.9	5.82	84.3	49,978
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.84	3.08	27.5	38.0	0.32	0.46	17.3	17.7	0.43	4.48	4.91	—	33,552	33,552	0.68	3.98	38.0	34,794
Area	24.4	24.0	0.21	24.7	< 0.005	0.04	—	0.04	0.03	—	0.03	—	102	102	< 0.005	< 0.005	—	102
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.17	0.16	0.44	0.40	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	80.5	80.5	< 0.005	< 0.005	0.00	80.8
Total	28.4	27.3	28.1	63.1	0.32	0.52	17.3	17.8	0.49	4.48	4.97	788	37,807	38,595	80.8	4.93	120	42,202
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.70	0.56	5.01	6.94	0.06	0.08	3.15	3.23	0.08	0.82	0.90	—	5,555	5,555	0.11	0.66	6.29	5,761
Area	4.45	4.39	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	466	466	0.04	0.01	—	469
Water	—	—	—	—	—	—	—	—	—	—	—	60.9	208	269	6.26	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	69.6	0.00	69.6	6.96	0.00	—	243
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5
Stationary	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4
Total	5.18	4.98	5.13	11.5	0.06	0.10	3.15	3.24	0.09	0.82	0.91	130	6,259	6,390	13.4	0.82	19.8	6,987

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	3.09	2.79	1.73	38.8	0.09	0.04	9.40	9.44	0.03	2.37	2.41	—	9,290	9,290	0.27	0.19	25.0	9,378
User Defined Industrial	1.29	0.71	29.7	8.66	0.29	0.52	10.2	10.7	0.49	2.73	3.22	—	31,022	31,022	0.52	4.63	78.7	32,494
Refrigerated Warehouse-No Rail	0.49	0.45	0.28	6.20	0.01	0.01	1.51	1.51	0.01	0.38	0.39	—	1,487	1,487	0.04	0.03	4.00	1,501

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	4.88	3.94	31.7	53.6	0.40	0.56	21.1	21.7	0.53	5.48	6.02	—	41,798	41,798	0.82	4.85	108	43,373
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	2.98	2.68	1.92	31.4	0.08	0.04	9.40	9.44	0.03	2.37	2.41	—	8,578	8,578	0.27	0.21	0.65	8,647
User Defined Industrial	1.26	0.68	31.0	8.72	0.29	0.52	10.2	10.7	0.49	2.73	3.23	—	31,031	31,031	0.52	4.63	2.04	32,427
Refrigerated Warehouse-No Rail	0.48	0.43	0.31	5.02	0.01	0.01	1.51	1.51	0.01	0.38	0.39	—	1,373	1,373	0.04	0.03	0.10	1,384
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	4.72	3.79	33.2	45.1	0.39	0.56	21.1	21.7	0.53	5.48	6.02	—	40,982	40,982	0.83	4.87	2.79	42,458
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.43	0.39	0.29	4.80	0.01	0.01	1.38	1.39	< 0.005	0.35	0.35	—	1,158	1,158	0.04	0.03	1.44	1,168
User Defined Industrial	0.19	0.10	4.67	1.30	0.04	0.08	1.52	1.60	0.07	0.41	0.48	—	4,195	4,195	0.07	0.63	4.60	4,388

Refrigerated Warehouse-No Rail	0.08	0.07	0.05	0.84	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	203	203	0.01	< 0.005	0.25	204
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.70	0.56	5.01	6.94	0.06	0.08	3.15	3.23	0.08	0.82	0.90	—	5,555	5,555	0.11	0.66	6.29	5,761

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	3.09	2.79	1.73	38.8	0.09	0.04	9.40	9.44	0.03	2.37	2.41	—	9,290	9,290	0.27	0.19	25.0	9,378
User Defined Industrial	1.29	0.71	29.7	8.66	0.29	0.52	10.2	10.7	0.49	2.73	3.22	—	31,022	31,022	0.52	4.63	78.7	32,494
Refrigerated Warehouse-No Rail	0.49	0.45	0.28	6.20	0.01	0.01	1.51	1.51	0.01	0.38	0.39	—	1,487	1,487	0.04	0.03	4.00	1,501
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	4.88	3.94	31.7	53.6	0.40	0.56	21.1	21.7	0.53	5.48	6.02	—	41,798	41,798	0.82	4.85	108	43,373

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	2.98	2.68	1.92	31.4	0.08	0.04	9.40	9.44	0.03	2.37	2.41	—	8,578	8,578	0.27	0.21	0.65	8,647
User Defined Industrial	1.26	0.68	31.0	8.72	0.29	0.52	10.2	10.7	0.49	2.73	3.23	—	31,031	31,031	0.52	4.63	2.04	32,427
Refrigerated Warehouse-No Rail	0.48	0.43	0.31	5.02	0.01	0.01	1.51	1.51	0.01	0.38	0.39	—	1,373	1,373	0.04	0.03	0.10	1,384
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	4.72	3.79	33.2	45.1	0.39	0.56	21.1	21.7	0.53	5.48	6.02	—	40,982	40,982	0.83	4.87	2.79	42,458
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.43	0.39	0.29	4.80	0.01	0.01	1.38	1.39	< 0.005	0.35	0.35	—	1,158	1,158	0.04	0.03	1.44	1,168
User Defined Industrial	0.19	0.10	4.67	1.30	0.04	0.08	1.52	1.60	0.07	0.41	0.48	—	4,195	4,195	0.07	0.63	4.60	4,388
Refrigerated Warehouse-No Rail	0.08	0.07	0.05	0.84	< 0.005	< 0.005	0.24	0.24	< 0.005	0.06	0.06	—	203	203	0.01	< 0.005	0.25	204
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.70	0.56	5.01	6.94	0.06	0.08	3.15	3.23	0.08	0.82	0.90	—	5,555	5,555	0.11	0.66	6.29	5,761

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,157	1,157	0.11	0.01	—	1,164
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,659	1,659	0.16	0.02	—	1,669
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,817	2,817	0.27	0.03	—	2,833
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,157	1,157	0.11	0.01	—	1,164
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,659	1,659	0.16	0.02	—	1,669
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,817	2,817	0.27	0.03	—	2,833
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	192	192	0.02	< 0.005	—	193
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	275	275	0.03	< 0.005	—	276
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	466	466	0.04	0.01	—	469

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,157	1,157	0.11	0.01	—	1,164
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,659	1,659	0.16	0.02	—	1,669
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,817	2,817	0.27	0.03	—	2,833
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,157	1,157	0.11	0.01	—	1,164
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Refriger Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,659	1,659	0.16	0.02	—	1,669
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,817	2,817	0.27	0.03	—	2,833
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	192	192	0.02	< 0.005	—	193
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	275	275	0.03	< 0.005	—	276
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	466	466	0.04	0.01	—	469

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

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

Unrefrigerated Wareho Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

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

Consumer Product	17.8	17.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.17	2.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.42	5.93	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149
Total	26.4	25.9	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	17.8	17.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.17	2.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	20.0	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.25	3.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.40	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.80	0.74	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9
Total	4.45	4.39	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	17.8	17.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.17	2.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.42	5.93	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149
Total	26.4	25.9	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	17.8	17.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.17	2.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	20.0	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.25	3.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.40	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.80	0.74	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9
Total	4.45	4.39	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	332	1,136	1,468	34.2	0.82	—	2,568
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	35.5	119	155	3.65	0.09	—	272
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	332	1,136	1,468	34.2	0.82	—	2,568
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	35.5	119	155	3.65	0.09	—	272
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	55.0	188	243	5.66	0.14	—	425
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	5.87	19.8	25.6	0.60	0.01	—	45.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.9	208	269	6.26	0.15	—	470

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	332	1,136	1,468	34.2	0.82	—	2,568
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	35.5	119	155	3.65	0.09	—	272
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	332	1,136	1,468	34.2	0.82	—	2,568
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	35.5	119	155	3.65	0.09	—	272
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	55.0	188	243	5.66	0.14	—	425
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	5.87	19.8	25.6	0.60	0.01	—	45.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.9	208	269	6.26	0.15	—	470

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	380	0.00	380	38.0	0.00	—	1,329
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	40.5	0.00	40.5	4.05	0.00	—	142
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	380	0.00	380	38.0	0.00	—	1,329

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	40.5	0.00	40.5	4.05	0.00	—	142
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	62.9	0.00	62.9	6.29	0.00	—	220
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	6.71	0.00	6.71	0.67	0.00	—	23.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	69.6	0.00	69.6	6.96	0.00	—	243

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	380	0.00	380	38.0	0.00	—	1,329
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	40.5	0.00	40.5	4.05	0.00	—	142
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	380	0.00	380	38.0	0.00	—	1,329
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	40.5	0.00	40.5	4.05	0.00	—	142
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	62.9	0.00	62.9	6.29	0.00	—	220
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	6.71	0.00	6.71	0.67	0.00	—	23.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	69.6	0.00	69.6	6.96	0.00	—	243

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5

4.6.2. Mitigated

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

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

Refrigerated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295

Total	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4
Total	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4

4.8.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295

Total	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4
Total	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

Unrefrigerated Warehouse-No Rail	712	241	214	209,429	13,507	4,564	4,066	3,971,461
User Defined Industrial	324	109	97.5	95,234	9,850	3,329	2,964	2,896,062
Refrigerated Warehouse-No Rail	114	67.6	65.0	36,638	2,162	1,282	1,233	694,772
User Defined Industrial	66.0	39.1	37.7	21,212	1,886	1,118	1,077	606,231
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	712	241	214	209,429	13,507	4,564	4,066	3,971,461
User Defined Industrial	324	109	97.5	95,234	9,850	3,329	2,964	2,896,062
Refrigerated Warehouse-No Rail	114	67.6	65.0	36,638	2,162	1,282	1,233	694,772
User Defined Industrial	66.0	39.1	37.7	21,212	1,886	1,118	1,077	606,231
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,244,633	414,878	45,531

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,220,142	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	1,749,564	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00

Parking Lot	0.00	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,220,142	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	1,749,564	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Parking Lot	0.00	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	173,380,844	3,282,275
User Defined Industrial	0.00	0.00
Refrigerated Warehouse-No Rail	18,500,000	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)

Unrefrigerated Warehouse-No Rail	173,380,844	3,282,275
User Defined Industrial	0.00	0.00
Refrigerated Warehouse-No Rail	18,500,000	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	705	—
User Defined Industrial	0.00	—
Refrigerated Warehouse-No Rail	75.2	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	705	—
User Defined Industrial	0.00	—
Refrigerated Warehouse-No Rail	75.2	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Emergency Generator	Diesel	1.00	0.50	50.0	700	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.8	annual days of extreme heat
Extreme Precipitation	2.60	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	9.89	annual hectares burned

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	91.1
AQ-PM	49.2
AQ-DPM	31.8
Drinking Water	10.2
Lead Risk Housing	16.1
Pesticides	27.2
Toxic Releases	23.1
Traffic	72.3
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	22.1
Haz Waste Facilities/Generators	23.7
Impaired Water Bodies	0.00
Solid Waste	52.9
Sensitive Population	—
Asthma	42.3
Cardio-vascular	74.9
Low Birth Weights	9.85
Socioeconomic Factor Indicators	—
Education	58.9
Housing	12.8
Linguistic	7.38
Poverty	50.7
Unemployment	30.9

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	31.83626331
Employed	9.39304504
Median HI	19.47901963
Education	—
Bachelor's or higher	31.46413448
High school enrollment	100
Preschool enrollment	61.41408957
Transportation	—
Auto Access	91.71050943
Active commuting	43.93686642
Social	—
2-parent households	8.456306942
Voting	25.54856923
Neighborhood	—
Alcohol availability	85.78211215
Park access	2.194276915
Retail density	15.48825869
Supermarket access	15.07763377
Tree canopy	1.077890414
Housing	—
Homeownership	92.2751187
Housing habitability	54.38213782
Low-inc homeowner severe housing cost burden	5.658924676
Low-inc renter severe housing cost burden	73.36070833

Uncrowded housing	54.63877839
Health Outcomes	—
Insured adults	13.51212627
Arthritis	4.6
Asthma ER Admissions	63.2
High Blood Pressure	6.0
Cancer (excluding skin)	16.1
Asthma	21.6
Coronary Heart Disease	3.6
Chronic Obstructive Pulmonary Disease	5.0
Diagnosed Diabetes	23.2
Life Expectancy at Birth	14.6
Cognitively Disabled	97.6
Physically Disabled	26.6
Heart Attack ER Admissions	35.8
Mental Health Not Good	30.2
Chronic Kidney Disease	7.4
Obesity	24.6
Pedestrian Injuries	72.5
Physical Health Not Good	21.6
Stroke	8.8
Health Risk Behaviors	—
Binge Drinking	69.8
Current Smoker	21.9
No Leisure Time for Physical Activity	24.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0

Children	19.9
Elderly	29.3
English Speaking	74.5
Foreign-born	34.9
Outdoor Workers	34.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	81.9
Traffic Density	49.5
Traffic Access	23.0
Other Indices	—
Hardship	81.8
Other Decision Support	—
2016 Voting	40.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	27.0
Healthy Places Index Score for Project Location (b)	20.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Total Project are is 41.22 net acres
Construction: Construction Phases	Construction schedule based on information provided by the Project Team
Construction: Off-Road Equipment	Equipment based on consultation with Project Team
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Demolition, Site Preparation, Grading, and Building Construction.
Construction: Architectural Coatings	Rule 1113
Operations: Vehicle Data	Trip characteristics based on information provided in the Traffic analysis
Operations: Fleet Mix	Passenger Car Mix estimated based on the CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, & MCY). Truck Mix based on information in the Traffic analysis
Operations: Energy Use	Energy usage based on consultation with the Project Team
Operations: Refrigerants	As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

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APPENDIX 4.3:

CALEEMOD PROPOSED LOCALIZED EMISSIONS MODEL OUTPUTS

Heritage Valley Business Center (80 TSF Cold Storage) LST Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Heritage Valley Business Center (80 TSF Cold Storage) LST
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	0.20
Location	33.73865885035649, -117.18269182589174
County	Riverside-South Coast
City	Menifee
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5517
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	750	1000sqft	22.0	749,755	207,009	—	—	—

User Defined Industrial	750	User Defined Unit	0.00	0.00	0.00	—	—	Warehouse
Refrigerated Warehouse-No Rail	80.0	1000sqft	1.84	80,000	0.00	—	—	—
User Defined Industrial	80.0	User Defined Unit	0.00	0.00	0.00	—	—	Cold Storage
Parking Lot	503	Space	1.21	0.00	0.00	—	—	—
Other Asphalt Surfaces	706	1000sqft	16.2	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	29.6	28.9	6.93	46.8	0.02	0.17	0.91	1.09	0.16	0.24	0.39	788	6,618	7,406	80.3	1.23	85.7	9,866
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	23.1	22.8	6.90	11.1	0.02	0.11	0.91	1.02	0.11	0.24	0.34	788	6,437	7,225	80.4	1.23	81.6	9,682
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	26.6	26.0	4.90	33.0	0.02	0.09	0.75	0.83	0.07	0.19	0.27	788	5,946	6,734	80.3	1.18	83.0	9,176

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.85	4.75	0.89	6.03	< 0.005	0.02	0.14	0.15	0.01	0.04	0.05	130	984	1,115	13.3	0.19	13.7	1,519

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.60	2.41	5.02	9.30	0.02	0.02	0.91	0.94	0.02	0.24	0.26	—	2,103	2,103	0.23	0.28	4.14	2,197
Area	26.4	25.9	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	29.6	28.9	6.93	46.8	0.02	0.17	0.91	1.09	0.16	0.24	0.39	788	6,618	7,406	80.3	1.23	85.7	9,866
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.47	2.27	5.30	9.63	0.02	0.02	0.91	0.94	0.02	0.24	0.26	—	2,071	2,071	0.24	0.28	0.11	2,162
Area	20.0	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	23.1	22.8	6.90	11.1	0.02	0.11	0.91	1.02	0.11	0.24	0.34	788	6,437	7,225	80.4	1.23	81.6	9,682

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.00	1.84	4.25	7.92	0.02	0.02	0.75	0.77	0.02	0.19	0.21	—	1,692	1,692	0.20	0.23	1.46	1,768
Area	24.4	24.0	0.21	24.7	< 0.005	0.04	—	0.04	0.03	—	0.03	—	102	102	< 0.005	< 0.005	—	102
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.17	0.16	0.44	0.40	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	80.5	80.5	< 0.005	< 0.005	0.00	80.8
Total	26.6	26.0	4.90	33.0	0.02	0.09	0.75	0.83	0.07	0.19	0.27	788	5,946	6,734	80.3	1.18	83.0	9,176
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.37	0.34	0.78	1.45	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	280	280	0.03	0.04	0.24	293
Area	4.45	4.39	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	466	466	0.04	0.01	—	469
Water	—	—	—	—	—	—	—	—	—	—	—	60.9	208	269	6.26	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	69.6	0.00	69.6	6.96	0.00	—	243
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5
Stationary	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4
Total	4.85	4.75	0.89	6.03	< 0.005	0.02	0.14	0.15	0.01	0.04	0.05	130	984	1,115	13.3	0.19	13.7	1,519

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.60	2.41	5.02	9.30	0.02	0.02	0.91	0.94	0.02	0.24	0.26	—	2,103	2,103	0.23	0.28	4.14	2,197
Area	26.4	25.9	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	29.6	28.9	6.93	46.8	0.02	0.17	0.91	1.09	0.16	0.24	0.39	788	6,618	7,406	80.3	1.23	85.7	9,866
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.47	2.27	5.30	9.63	0.02	0.02	0.91	0.94	0.02	0.24	0.26	—	2,071	2,071	0.24	0.28	0.11	2,162
Area	20.0	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	23.1	22.8	6.90	11.1	0.02	0.11	0.91	1.02	0.11	0.24	0.34	788	6,437	7,225	80.4	1.23	81.6	9,682
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.00	1.84	4.25	7.92	0.02	0.02	0.75	0.77	0.02	0.19	0.21	—	1,692	1,692	0.20	0.23	1.46	1,768
Area	24.4	24.0	0.21	24.7	< 0.005	0.04	—	0.04	0.03	—	0.03	—	102	102	< 0.005	< 0.005	—	102
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	2,817	2,817	0.27	0.03	—	2,833
Water	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Waste	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Stationary	0.17	0.16	0.44	0.40	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	80.5	80.5	< 0.005	< 0.005	0.00	80.8
Total	26.6	26.0	4.90	33.0	0.02	0.09	0.75	0.83	0.07	0.19	0.27	788	5,946	6,734	80.3	1.18	83.0	9,176
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.37	0.34	0.78	1.45	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	280	280	0.03	0.04	0.24	293
Area	4.45	4.39	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	466	466	0.04	0.01	—	469
Water	—	—	—	—	—	—	—	—	—	—	—	60.9	208	269	6.26	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	69.6	0.00	69.6	6.96	0.00	—	243
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5
Stationary	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4
Total	4.85	4.75	0.89	6.03	< 0.005	0.02	0.14	0.15	0.01	0.04	0.05	130	984	1,115	13.3	0.19	13.7	1,519

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.92	1.87	0.41	5.39	0.01	< 0.005	0.50	0.50	< 0.005	0.13	0.13	—	595	595	0.10	0.05	1.32	614
User Defined Industrial	0.37	0.24	4.54	3.04	0.01	0.02	0.34	0.36	0.02	0.09	0.11	—	1,414	1,414	0.12	0.22	2.62	1,485
Refrigerated Warehouse-No Rail	0.31	0.30	0.07	0.86	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	95.2	95.2	0.02	0.01	0.21	98.3

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.60	2.41	5.02	9.30	0.02	0.02	0.91	0.94	0.02	0.24	0.26	—	2,103	2,103	0.23	0.28	4.14	2,197
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.83	1.77	0.44	5.59	0.01	< 0.005	0.50	0.50	< 0.005	0.13	0.13	—	558	558	0.11	0.06	0.03	577
User Defined Industrial	0.34	0.21	4.79	3.14	0.01	0.02	0.34	0.36	0.02	0.09	0.11	—	1,423	1,423	0.12	0.22	0.07	1,492
Refrigerated Warehouse-No Rail	0.29	0.28	0.07	0.90	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	89.3	89.3	0.02	0.01	0.01	92.4
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.47	2.27	5.30	9.63	0.02	0.02	0.91	0.94	0.02	0.24	0.26	—	2,071	2,071	0.24	0.28	0.11	2,162
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.27	0.26	0.07	0.84	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	75.2	75.2	0.01	0.01	0.08	77.8
User Defined Industrial	0.05	0.03	0.70	0.46	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	192	192	0.02	0.03	0.15	201

Refrigerated Warehouse-No Rail	0.05	0.04	0.01	0.15	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.2	13.2	< 0.005	< 0.005	0.01	13.6
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.37	0.34	0.78	1.45	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	280	280	0.03	0.04	0.24	293

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.92	1.87	0.41	5.39	0.01	< 0.005	0.50	0.50	< 0.005	0.13	0.13	—	595	595	0.10	0.05	1.32	614
User Defined Industrial	0.37	0.24	4.54	3.04	0.01	0.02	0.34	0.36	0.02	0.09	0.11	—	1,414	1,414	0.12	0.22	2.62	1,485
Refrigerated Warehouse-No Rail	0.31	0.30	0.07	0.86	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	95.2	95.2	0.02	0.01	0.21	98.3
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.60	2.41	5.02	9.30	0.02	0.02	0.91	0.94	0.02	0.24	0.26	—	2,103	2,103	0.23	0.28	4.14	2,197

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.83	1.77	0.44	5.59	0.01	< 0.005	0.50	0.50	< 0.005	0.13	0.13	—	558	558	0.11	0.06	0.03	577
User Defined Industrial	0.34	0.21	4.79	3.14	0.01	0.02	0.34	0.36	0.02	0.09	0.11	—	1,423	1,423	0.12	0.22	0.07	1,492
Refrigerated Warehouse-No Rail	0.29	0.28	0.07	0.90	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	89.3	89.3	0.02	0.01	0.01	92.4
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.47	2.27	5.30	9.63	0.02	0.02	0.91	0.94	0.02	0.24	0.26	—	2,071	2,071	0.24	0.28	0.11	2,162
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.27	0.26	0.07	0.84	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	75.2	75.2	0.01	0.01	0.08	77.8
User Defined Industrial	0.05	0.03	0.70	0.46	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	192	192	0.02	0.03	0.15	201
Refrigerated Warehouse-No Rail	0.05	0.04	0.01	0.15	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	13.2	13.2	< 0.005	< 0.005	0.01	13.6
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.37	0.34	0.78	1.45	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	280	280	0.03	0.04	0.24	293

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,157	1,157	0.11	0.01	—	1,164
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,659	1,659	0.16	0.02	—	1,669
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,817	2,817	0.27	0.03	—	2,833
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrig Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,157	1,157	0.11	0.01	—	1,164
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,659	1,659	0.16	0.02	—	1,669
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,817	2,817	0.27	0.03	—	2,833
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	192	192	0.02	< 0.005	—	193
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	275	275	0.03	< 0.005	—	276
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	466	466	0.04	0.01	—	469

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,157	1,157	0.11	0.01	—	1,164
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,659	1,659	0.16	0.02	—	1,669
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,817	2,817	0.27	0.03	—	2,833
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,157	1,157	0.11	0.01	—	1,164
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,659	1,659	0.16	0.02	—	1,669
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,817	2,817	0.27	0.03	—	2,833
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	192	192	0.02	< 0.005	—	193
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	275	275	0.03	< 0.005	—	276
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	466	466	0.04	0.01	—	469

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

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

Unrefrigerated Wareho Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

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

Consumer Product	17.8	17.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.17	2.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.42	5.93	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149
Total	26.4	25.9	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	17.8	17.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.17	2.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	20.0	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.25	3.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.40	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.80	0.74	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9
Total	4.45	4.39	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	17.8	17.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.17	2.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.42	5.93	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149
Total	26.4	25.9	0.30	36.1	< 0.005	0.06	—	0.06	0.05	—	0.05	—	148	148	0.01	< 0.005	—	149
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	17.8	17.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.17	2.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	20.0	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.25	3.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.40	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.80	0.74	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9
Total	4.45	4.39	0.04	4.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.8	16.8	< 0.005	< 0.005	—	16.9

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	332	1,136	1,468	34.2	0.82	—	2,568
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	35.5	119	155	3.65	0.09	—	272
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	332	1,136	1,468	34.2	0.82	—	2,568
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	35.5	119	155	3.65	0.09	—	272
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	55.0	188	243	5.66	0.14	—	425
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	5.87	19.8	25.6	0.60	0.01	—	45.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.9	208	269	6.26	0.15	—	470

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	332	1,136	1,468	34.2	0.82	—	2,568
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	35.5	119	155	3.65	0.09	—	272
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	332	1,136	1,468	34.2	0.82	—	2,568
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	35.5	119	155	3.65	0.09	—	272
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	368	1,255	1,623	37.8	0.91	—	2,840
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	55.0	188	243	5.66	0.14	—	425
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	5.87	19.8	25.6	0.60	0.01	—	45.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.9	208	269	6.26	0.15	—	470

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	380	0.00	380	38.0	0.00	—	1,329
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	40.5	0.00	40.5	4.05	0.00	—	142
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	380	0.00	380	38.0	0.00	—	1,329

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	40.5	0.00	40.5	4.05	0.00	—	142
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	62.9	0.00	62.9	6.29	0.00	—	220
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	6.71	0.00	6.71	0.67	0.00	—	23.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	69.6	0.00	69.6	6.96	0.00	—	243

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	380	0.00	380	38.0	0.00	—	1,329
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	40.5	0.00	40.5	4.05	0.00	—	142
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	380	0.00	380	38.0	0.00	—	1,329
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Wareho Rail	—	—	—	—	—	—	—	—	—	—	—	40.5	0.00	40.5	4.05	0.00	—	142
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	420	0.00	420	42.0	0.00	—	1,471
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	62.9	0.00	62.9	6.29	0.00	—	220
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	6.71	0.00	6.71	0.67	0.00	—	23.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	69.6	0.00	69.6	6.96	0.00	—	243

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5

4.6.2. Mitigated

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

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

Refrigerated	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81.5	81.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.5	13.5

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295

Total	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4
Total	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4

4.8.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Total	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295

Total	0.63	0.57	1.61	1.46	< 0.005	0.08	0.00	0.08	0.08	0.00	0.08	0.00	294	294	0.01	< 0.005	0.00	295
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4
Total	0.03	0.03	0.08	0.07	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	13.3	13.3	< 0.005	< 0.005	0.00	13.4

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

Unrefrigerated Warehouse-No Rail	712	241	214	209,429	712	241	214	209,429
User Defined Industrial	324	109	97.5	95,234	324	109	97.5	95,234
Refrigerated Warehouse-No Rail	114	67.6	65.0	36,638	114	67.6	65.0	36,638
User Defined Industrial	66.0	39.1	37.7	21,212	66.0	39.1	37.7	21,212
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	712	241	214	209,429	712	241	214	209,429
User Defined Industrial	324	109	97.5	95,234	324	109	97.5	95,234
Refrigerated Warehouse-No Rail	114	67.6	65.0	36,638	114	67.6	65.0	36,638
User Defined Industrial	66.0	39.1	37.7	21,212	66.0	39.1	37.7	21,212
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,244,633	414,878	45,531

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,220,142	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	1,749,564	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00

Parking Lot	0.00	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,220,142	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	1,749,564	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Parking Lot	0.00	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	173,380,844	3,282,275
User Defined Industrial	0.00	0.00
Refrigerated Warehouse-No Rail	18,500,000	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)

Unrefrigerated Warehouse-No Rail	173,380,844	3,282,275
User Defined Industrial	0.00	0.00
Refrigerated Warehouse-No Rail	18,500,000	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	705	—
User Defined Industrial	0.00	—
Refrigerated Warehouse-No Rail	75.2	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	705	—
User Defined Industrial	0.00	—
Refrigerated Warehouse-No Rail	75.2	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Emergency Generator	Diesel	1.00	0.50	50.0	700	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.8	annual days of extreme heat
Extreme Precipitation	2.60	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	9.89	annual hectares burned

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	91.1
AQ-PM	49.2
AQ-DPM	31.8
Drinking Water	10.2
Lead Risk Housing	16.1
Pesticides	27.2
Toxic Releases	23.1
Traffic	72.3
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	22.1
Haz Waste Facilities/Generators	23.7
Impaired Water Bodies	0.00
Solid Waste	52.9
Sensitive Population	—
Asthma	42.3
Cardio-vascular	74.9
Low Birth Weights	9.85
Socioeconomic Factor Indicators	—
Education	58.9
Housing	12.8
Linguistic	7.38
Poverty	50.7
Unemployment	30.9

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	31.83626331
Employed	9.39304504
Median HI	19.47901963
Education	—
Bachelor's or higher	31.46413448
High school enrollment	100
Preschool enrollment	61.41408957
Transportation	—
Auto Access	91.71050943
Active commuting	43.93686642
Social	—
2-parent households	8.456306942
Voting	25.54856923
Neighborhood	—
Alcohol availability	85.78211215
Park access	2.194276915
Retail density	15.48825869
Supermarket access	15.07763377
Tree canopy	1.077890414
Housing	—
Homeownership	92.2751187
Housing habitability	54.38213782
Low-inc homeowner severe housing cost burden	5.658924676
Low-inc renter severe housing cost burden	73.36070833

Uncrowded housing	54.63877839
Health Outcomes	—
Insured adults	13.51212627
Arthritis	4.6
Asthma ER Admissions	63.2
High Blood Pressure	6.0
Cancer (excluding skin)	16.1
Asthma	21.6
Coronary Heart Disease	3.6
Chronic Obstructive Pulmonary Disease	5.0
Diagnosed Diabetes	23.2
Life Expectancy at Birth	14.6
Cognitively Disabled	97.6
Physically Disabled	26.6
Heart Attack ER Admissions	35.8
Mental Health Not Good	30.2
Chronic Kidney Disease	7.4
Obesity	24.6
Pedestrian Injuries	72.5
Physical Health Not Good	21.6
Stroke	8.8
Health Risk Behaviors	—
Binge Drinking	69.8
Current Smoker	21.9
No Leisure Time for Physical Activity	24.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0

Children	19.9
Elderly	29.3
English Speaking	74.5
Foreign-born	34.9
Outdoor Workers	34.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	81.9
Traffic Density	49.5
Traffic Access	23.0
Other Indices	—
Hardship	81.8
Other Decision Support	—
2016 Voting	40.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	27.0
Healthy Places Index Score for Project Location (b)	20.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Total Project are is 41.22 net acres
Construction: Construction Phases	Construction schedule based on information provided by the Project Team
Construction: Off-Road Equipment	Equipment based on consultation with Project Team
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Demolition, Site Preparation, Grading, and Building Construction.
Construction: Architectural Coatings	Rule 1113
Operations: Vehicle Data	Trip characteristics based on information provided in the Traffic analysis
Operations: Fleet Mix	Passenger Car Mix estimated based on the CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, & MCY). Truck Mix based on information in the Traffic analysis
Operations: Energy Use	Energy usage based on consultation with the Project Team
Operations: Refrigerants	As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater.

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APPENDIX 4.4:

AERMOD LOCALIZED EMISSIONS MODEL OUTPUTS

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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 8/13/2025
** File: C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Const CO\16568-02 Const
CO.ADI
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** AERMOD Control Pathway
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**
**
CO STARTING
   TITLEONE C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568-
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2492442 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "16568-02 Const CO.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     482910.140  3733440.950      435.380
   LOCATION VOL2         VOLUME     482959.109  3733440.568      435.530
   LOCATION VOL3         VOLUME     483007.323  3733440.822      435.690
   LOCATION VOL4         VOLUME     483054.775  3733440.695      435.800
   LOCATION VOL5         VOLUME     482910.102  3733391.190      435.480
   LOCATION VOL6         VOLUME     482959.070  3733390.808      435.470
   LOCATION VOL7         VOLUME     483007.284  3733391.062      435.570
   LOCATION VOL8         VOLUME     483054.737  3733390.935      435.620
   LOCATION VOL9         VOLUME     483102.111  3733390.969      435.990
   LOCATION VOL10        VOLUME     483151.080  3733390.587      436.190
   LOCATION VOL11        VOLUME     483199.293  3733390.841      436.390
   LOCATION VOL12        VOLUME     483246.746  3733390.714      436.520
   LOCATION VOL13        VOLUME     482909.968  3733335.149      435.380
   LOCATION VOL14        VOLUME     482958.936  3733334.768      435.560
   LOCATION VOL15        VOLUME     483007.150  3733335.022      435.630
   LOCATION VOL16        VOLUME     483054.603  3733334.895      435.830
   LOCATION VOL17        VOLUME     483101.977  3733334.928      435.970
   LOCATION VOL18        VOLUME     483150.946  3733334.546      436.060
   LOCATION VOL19        VOLUME     483199.159  3733334.800      436.180
   LOCATION VOL20        VOLUME     483246.612  3733334.673      436.460
   LOCATION VOL21        VOLUME     482909.828  3733279.079      435.550
   LOCATION VOL22        VOLUME     482909.694  3733223.038      435.510
   LOCATION VOL23        VOLUME     482958.663  3733222.656      435.740
   LOCATION VOL24        VOLUME     482958.797  3733278.697      435.670
   LOCATION VOL25        VOLUME     483007.011  3733278.951      435.720
   LOCATION VOL26        VOLUME     483006.877  3733222.910      436.030
   LOCATION VOL27        VOLUME     483054.329  3733222.783      436.000
   LOCATION VOL28        VOLUME     483054.463  3733278.824      435.790
   LOCATION VOL29        VOLUME     483101.837  3733278.857      436.460
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    LOCATION VOL30        VOLUME     483101.703  3733222.817      436.360
    LOCATION VOL31        VOLUME     483150.672  3733222.435      437.520
    LOCATION VOL32        VOLUME     483150.806  3733278.476      436.570
    LOCATION VOL33        VOLUME     483199.020  3733278.729      436.730
    LOCATION VOL34        VOLUME     483198.886  3733222.689      436.790
    LOCATION VOL35        VOLUME     483246.338  3733222.562      436.840
    LOCATION VOL36        VOLUME     483246.472  3733278.602      436.770
    LOCATION VOL37        VOLUME     482909.828  3733166.682      435.500
    LOCATION VOL38        VOLUME     482909.694  3733110.641      435.670
    LOCATION VOL39        VOLUME     482958.663  3733110.260      435.760
    LOCATION VOL40        VOLUME     482958.797  3733166.300      435.660
    LOCATION VOL41        VOLUME     483007.011  3733166.554      435.800
    LOCATION VOL42        VOLUME     483006.877  3733110.513      435.800
    LOCATION VOL43        VOLUME     483054.329  3733110.386      435.900
    LOCATION VOL44        VOLUME     483054.463  3733166.427      436.040
    LOCATION VOL45        VOLUME     483101.837  3733166.460      436.330
    LOCATION VOL46        VOLUME     483101.703  3733110.420      435.950
    LOCATION VOL47        VOLUME     483150.672  3733110.038      436.050
    LOCATION VOL48        VOLUME     483150.806  3733166.079      436.460
    LOCATION VOL49        VOLUME     483199.020  3733166.332      436.340
    LOCATION VOL50        VOLUME     483198.886  3733110.292      436.160
    LOCATION VOL51        VOLUME     483246.338  3733110.165      436.320
    LOCATION VOL52        VOLUME     483246.472  3733166.205      436.320
    LOCATION VOL53        VOLUME     482910.448  3733084.243      435.710
    LOCATION VOL54        VOLUME     482910.314  3733028.203      435.700
    LOCATION VOL55        VOLUME     482959.283  3733027.821      435.790
    LOCATION VOL56        VOLUME     482959.417  3733083.862      435.800
    LOCATION VOL57        VOLUME     483007.630  3733084.116      435.830
    LOCATION VOL58        VOLUME     483007.496  3733028.075      435.870
    LOCATION VOL59        VOLUME     483054.949  3733027.948      435.960
    LOCATION VOL60        VOLUME     483055.083  3733083.989      435.890
    LOCATION VOL61        VOLUME     483102.457  3733084.022      436.000
    LOCATION VOL62        VOLUME     483102.323  3733027.981      436.080
    LOCATION VOL63        VOLUME     483151.292  3733027.600      436.140
    LOCATION VOL64        VOLUME     483151.426  3733083.640      436.070
    LOCATION VOL65        VOLUME     483199.640  3733083.894      436.190
    LOCATION VOL66        VOLUME     483199.506  3733027.854      436.230
    LOCATION VOL67        VOLUME     483246.958  3733027.727      436.430
    LOCATION VOL68        VOLUME     483247.092  3733083.767      436.340
** Source Parameters **
    SRCPARAM VOL1         0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL2         0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL3         0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL4         0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL5         0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL6         0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL7         0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL8         0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL9         0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL10        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL11        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL12        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL13        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL14        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL15        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL16        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL17        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL18        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL19        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL20        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL21        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL22        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL23        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL24        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL25        0.0099545119     5.000    12.977     1.400
    SRCPARAM VOL26        0.0099545119     5.000    12.977     1.400
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   SRCPARAM VOL27        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL28        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL29        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL30        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL31        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL32        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL33        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL34        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL35        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL36        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL37        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL38        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL39        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL40        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL41        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL42        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL43        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL44        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL45        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL46        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL47        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL48        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL49        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL50        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL51        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL52        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL53        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL54        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL55        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL56        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL57        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL58        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL59        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL60        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL61        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL62        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL63        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL64        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL65        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL66        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL67        0.0099545119     5.000    12.977     1.400
   SRCPARAM VOL68        0.0099545119     5.000    12.977     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL12        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL13        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL15        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL18        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL27        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL28        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL29        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL32        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL33        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL33        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL34        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL38        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL39        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL40        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL41        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL42        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL43        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL44        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL45        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL49        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL50        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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924       EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
925       EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
926       EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
927       EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
928    ** WeekDays:
929       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
930       EMISFACT VOL51        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
931       EMISFACT VOL51        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
932       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
933    ** Saturday:
934       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
935       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
936       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
937       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
938    ** Sunday:
939       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
940       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
941       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
942       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
943    ** WeekDays:
944       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
945       EMISFACT VOL52        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
946       EMISFACT VOL52        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
947       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
948    ** Saturday:
949       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
950       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
951       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
952       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
953    ** Sunday:
954       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
955       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
956       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
957       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
958    ** WeekDays:
959       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
960       EMISFACT VOL53        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
961       EMISFACT VOL53        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
962       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
963    ** Saturday:
964       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
965       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
966       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
967       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
968    ** Sunday:
969       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
970       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
971       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
972       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
973    ** WeekDays:
974       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
975       EMISFACT VOL54        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
976       EMISFACT VOL54        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
977       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
978    ** Saturday:
979       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
980       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
981       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
982       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
983    ** Sunday:
984       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
985       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
986       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
987       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
988    ** WeekDays:
989       EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL55        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL55        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL56        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL57        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL58        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL59        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL60        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL61        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL62        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL68        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "16568-02 Const CO.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE ..\PERI_V11_trimmed.sfc
   PROFFILE ..\PERI_V11_trimmed.PFL
   SURFDATA 3171 2016
   UAIRDATA 3190 2016
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "16568-02 CONST CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "16568-02 CONST CO.AD\08H1GALL.PLT" 32
   SUMMFILE "16568-02 Const CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
```

```
ME W186    1222       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
used           0.50
ME W187    1222       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

**********************************
*** SETUP Finishes Successfully ***
**********************************

FR *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
*** AERMET - VERSION  22112 ***
***                                                                  ***
14:47:46

                                PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for    68 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: CO

**Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

**This Run Includes:     68 Source(s);       1 Source Group(s); and      26 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:     68 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date:  22112

**Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
         Keyword)
```

Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and
Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 442.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp

**Output Print File:
aermod.out

**Detailed Error/Message File: 16568-02 Const CO.err
**File for Summary of Results: 16568-02 Const CO.sum
FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25
*** AERMET - VERSION 22112 *** *** ***
14:47:46

PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE INIT. PART. CATS.	URBAN SOURCE	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	BASE HEIGHT (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ BY
VOL1	0		0.99545E-02	482910.1	3733440.9	435.4	5.00	12.98	1.40	YES HRDOW
VOL2	0		0.99545E-02	482959.1	3733440.6	435.5	5.00	12.98	1.40	YES HRDOW
VOL3	0		0.99545E-02	483007.3	3733440.8	435.7	5.00	12.98	1.40	YES HRDOW
VOL4	0		0.99545E-02	483054.8	3733440.7	435.8	5.00	12.98	1.40	YES HRDOW
VOL5	0		0.99545E-02	482910.1	3733391.2	435.5	5.00	12.98	1.40	YES HRDOW
VOL6	0		0.99545E-02	482959.1	3733390.8	435.5	5.00	12.98	1.40	YES HRDOW
VOL7	0		0.99545E-02	483007.3	3733391.1	435.6	5.00	12.98	1.40	YES HRDOW
VOL8	0		0.99545E-02	483054.7	3733390.9	435.6	5.00	12.98	1.40	YES HRDOW
VOL9	0		0.99545E-02	483102.1	3733391.0	436.0	5.00	12.98	1.40	YES HRDOW

```
1352    VOL10            0   0.99545E-02  483151.1 3733390.6   436.2     5.00    12.98
        1.40     YES   HRDOW            NO
1353    VOL11            0   0.99545E-02  483199.3 3733390.8   436.4     5.00    12.98
        1.40     YES   HRDOW            NO
1354    VOL12            0   0.99545E-02  483246.7 3733390.7   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1355    VOL13            0   0.99545E-02  482910.0 3733335.1   435.4     5.00    12.98
        1.40     YES   HRDOW            NO
1356    VOL14            0   0.99545E-02  482958.9 3733334.8   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1357    VOL15            0   0.99545E-02  483007.1 3733335.0   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1358    VOL16            0   0.99545E-02  483054.6 3733334.9   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1359    VOL17            0   0.99545E-02  483102.0 3733334.9   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1360    VOL18            0   0.99545E-02  483150.9 3733334.5   436.1     5.00    12.98
        1.40     YES   HRDOW            NO
1361    VOL19            0   0.99545E-02  483199.2 3733334.8   436.2     5.00    12.98
        1.40     YES   HRDOW            NO
1362    VOL20            0   0.99545E-02  483246.6 3733334.7   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1363    VOL21            0   0.99545E-02  482909.8 3733279.1   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1364    VOL22            0   0.99545E-02  482909.7 3733223.0   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1365    VOL23            0   0.99545E-02  482958.7 3733222.7   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1366    VOL24            0   0.99545E-02  482958.8 3733278.7   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1367    VOL25            0   0.99545E-02  483007.0 3733279.0   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1368    VOL26            0   0.99545E-02  483006.9 3733222.9   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1369    VOL27            0   0.99545E-02  483054.3 3733222.8   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1370    VOL28            0   0.99545E-02  483054.5 3733278.8   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1371    VOL29            0   0.99545E-02  483101.8 3733278.9   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1372    VOL30            0   0.99545E-02  483101.7 3733222.8   436.4     5.00    12.98
        1.40     YES   HRDOW            NO
1373    VOL31            0   0.99545E-02  483150.7 3733222.4   437.5     5.00    12.98
        1.40     YES   HRDOW            NO
1374    VOL32            0   0.99545E-02  483150.8 3733278.5   436.6     5.00    12.98
        1.40     YES   HRDOW            NO
1375    VOL33            0   0.99545E-02  483199.0 3733278.7   436.7     5.00    12.98
        1.40     YES   HRDOW            NO
1376    VOL34            0   0.99545E-02  483198.9 3733222.7   436.8     5.00    12.98
        1.40     YES   HRDOW            NO
1377    VOL35            0   0.99545E-02  483246.3 3733222.6   436.8     5.00    12.98
        1.40     YES   HRDOW            NO
1378    VOL36            0   0.99545E-02  483246.5 3733278.6   436.8     5.00    12.98
        1.40     YES   HRDOW            NO
1379    VOL37            0   0.99545E-02  482909.8 3733166.7   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1380    VOL38            0   0.99545E-02  482909.7 3733110.6   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1381    VOL39            0   0.99545E-02  482958.7 3733110.3   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1382    VOL40            0   0.99545E-02  482958.8 3733166.3   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1383    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       08/13/25
1384     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER INIT. PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ	SOURCE SCALAR VARY BY
VOL41	0	0.99545E-02	483007.0	3733166.6	435.8	5.00	12.98	1.40	YES HRDOW
VOL42	0	0.99545E-02	483006.9	3733110.5	435.8	5.00	12.98	1.40	YES HRDOW
VOL43	0	0.99545E-02	483054.3	3733110.4	435.9	5.00	12.98	1.40	YES HRDOW
VOL44	0	0.99545E-02	483054.5	3733166.4	436.0	5.00	12.98	1.40	YES HRDOW
VOL45	0	0.99545E-02	483101.8	3733166.5	436.3	5.00	12.98	1.40	YES HRDOW
VOL46	0	0.99545E-02	483101.7	3733110.4	435.9	5.00	12.98	1.40	YES HRDOW
VOL47	0	0.99545E-02	483150.7	3733110.0	436.1	5.00	12.98	1.40	YES HRDOW
VOL48	0	0.99545E-02	483150.8	3733166.1	436.5	5.00	12.98	1.40	YES HRDOW
VOL49	0	0.99545E-02	483199.0	3733166.3	436.3	5.00	12.98	1.40	YES HRDOW
VOL50	0	0.99545E-02	483198.9	3733110.3	436.2	5.00	12.98	1.40	YES HRDOW
VOL51	0	0.99545E-02	483246.3	3733110.2	436.3	5.00	12.98	1.40	YES HRDOW
VOL52	0	0.99545E-02	483246.5	3733166.2	436.3	5.00	12.98	1.40	YES HRDOW
VOL53	0	0.99545E-02	482910.4	3733084.2	435.7	5.00	12.98	1.40	YES HRDOW
VOL54	0	0.99545E-02	482910.3	3733028.2	435.7	5.00	12.98	1.40	YES HRDOW
VOL55	0	0.99545E-02	482959.3	3733027.8	435.8	5.00	12.98	1.40	YES HRDOW
VOL56	0	0.99545E-02	482959.4	3733083.9	435.8	5.00	12.98	1.40	YES HRDOW
VOL57	0	0.99545E-02	483007.6	3733084.1	435.8	5.00	12.98	1.40	YES HRDOW
VOL58	0	0.99545E-02	483007.5	3733028.1	435.9	5.00	12.98	1.40	YES HRDOW
VOL59	0	0.99545E-02	483054.9	3733027.9	436.0	5.00	12.98	1.40	YES HRDOW
VOL60	0	0.99545E-02	483055.1	3733084.0	435.9	5.00	12.98	1.40	YES HRDOW
VOL61	0	0.99545E-02	483102.5	3733084.0	436.0	5.00	12.98	1.40	YES HRDOW
VOL62	0	0.99545E-02	483102.3	3733028.0	436.1	5.00	12.98	1.40	YES HRDOW
VOL63	0	0.99545E-02	483151.3	3733027.6	436.1	5.00	12.98	1.40	YES HRDOW
VOL64	0	0.99545E-02	483151.4	3733083.6	436.1	5.00	12.98	1.40	YES HRDOW
VOL65	0	0.99545E-02	483199.6	3733083.9	436.2	5.00	12.98		

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      1.40     YES   HRDOW            NO
1421  VOL66           0   0.99545E-02  483199.5 3733027.9   436.2     5.00    12.98
      1.40     YES   HRDOW            NO
1422  VOL67           0   0.99545E-02  483247.0 3733027.7   436.4     5.00    12.98
      1.40     YES   HRDOW            NO
1423  VOL68           0   0.99545E-02  483247.1 3733083.8   436.3     5.00    12.98
      1.40     YES   HRDOW            NO
1424  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1425   *** AERMET - VERSION  22112 ***
       ***                                                            ***
       14:47:46
1426
                                  PAGE   4
1427   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1428
1429
1430                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
1431
1432   SRCGROUP ID                                              SOURCE IDs
1433   -----------                                              ----------
1434
1435
1436    ALL         VOL1         , VOL2         , VOL3         , VOL4         , VOL5         ,
       VOL6         , VOL7         , VOL8         ,
1437
1438               VOL9         , VOL10        , VOL11        , VOL12        , VOL13        ,
                   VOL14        , VOL15        , VOL16        ,
1439
1440               VOL17        , VOL18        , VOL19        , VOL20        , VOL21        ,
                   VOL22        , VOL23        , VOL24        ,
1441
1442               VOL25        , VOL26        , VOL27        , VOL28        , VOL29        ,
                   VOL30        , VOL31        , VOL32        ,
1443
1444               VOL33        , VOL34        , VOL35        , VOL36        , VOL37        ,
                   VOL38        , VOL39        , VOL40        ,
1445
1446               VOL41        , VOL42        , VOL43        , VOL44        , VOL45        ,
                   VOL46        , VOL47        , VOL48        ,
1447
1448               VOL49        , VOL50        , VOL51        , VOL52        , VOL53        ,
                   VOL54        , VOL55        , VOL56        ,
1449
1450               VOL57        , VOL58        , VOL59        , VOL60        , VOL61        ,
                   VOL62        , VOL63        , VOL64        ,
1451
1452               VOL65        , VOL66        , VOL67        , VOL68        ,
1453   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1454   *** AERMET - VERSION  22112 ***
       ***                                                            ***
       14:47:46
1455
                                  PAGE   5
1456   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1457
1458
1459                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***
1460
1461    URBAN ID   URBAN POP                                      SOURCE IDs
1462    --------   ---------                                      ----------
1463
1464
1465                2492442.   VOL1         , VOL2         , VOL3         , VOL4         ,
                   VOL5         , VOL6         , VOL7         ,
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1466    VOL8        ,
1467
1468                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                    VOL14       , VOL15       , VOL16       ,
1469
1470                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                    VOL22       , VOL23       , VOL24       ,
1471
1472                VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                    VOL30       , VOL31       , VOL32       ,
1473
1474                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                    VOL38       , VOL39       , VOL40       ,
1475
1476                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                    VOL46       , VOL47       , VOL48       ,
1477
1478                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                    VOL54       , VOL55       , VOL56       ,
1479
1480                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                    VOL62       , VOL63       , VOL64       ,
1481
1482                VOL65       , VOL66       , VOL67       , VOL68       ,
1483    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
    Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1484     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         14:47:46
1485
                                  PAGE   6
1486     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1487
1488                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1489
1490     SOURCE ID = VOL1          ; SOURCE TYPE = VOLUME   :
1491      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
1492    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
    - - - - - - - - - - - - - - - - - - - -
1493                                                DAY OF WEEK = WEEKDAY
1494        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1495        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1496       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1497                                                DAY OF WEEK = SATURDAY
1498        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1499        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1500       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1501                                                DAY OF WEEK = SUNDAY
1502        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1503        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1504       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1505    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
    Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1506     *** AERMET - VERSION  22112 ***
         ***                                                                ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

```
1546       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1547       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1548      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1549   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1550    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:47:46
1551
                                    PAGE   9
1552    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1553
1554                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1555
1556    SOURCE ID = VOL4          ; SOURCE TYPE = VOLUME   :
1557     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1558    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1559                                                DAY OF WEEK = WEEKDAY
1560       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1561       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1562      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1563                                                DAY OF WEEK = SATURDAY
1564       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1565       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1566      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1567                                                DAY OF WEEK = SUNDAY
1568       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1569       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1570      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1571   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1572    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:47:46
1573
                                    PAGE  10
1574    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1575
1576                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1577
1578    SOURCE ID = VOL5          ; SOURCE TYPE = VOLUME   :
1579     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1580    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1581                                                DAY OF WEEK = WEEKDAY
1582       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1583       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
```

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1584      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1585                                              DAY OF WEEK = SATURDAY
1586       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1587       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1588      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1589                                              DAY OF WEEK = SUNDAY
1590       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1591       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1592      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1593  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1594   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:47:46
1595
                                  PAGE  11
1596   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1597
1598                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1599
1600   SOURCE ID = VOL6          ; SOURCE TYPE = VOLUME   :
1601    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1602   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
1603                                              DAY OF WEEK = WEEKDAY
1604       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
1605       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
1606      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1607                                              DAY OF WEEK = SATURDAY
1608       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1609       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1610      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1611                                              DAY OF WEEK = SUNDAY
1612       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1613       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1614      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1615  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1616   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:47:46
1617
                                  PAGE  12
1618   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1619
1620                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1621
```

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 SOURCE ID = VOL7         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46

                              PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL8         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
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1660    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:47:46
1661
                                    PAGE  14
1662    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1663
1664                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1665
1666    SOURCE ID = VOL9          ; SOURCE TYPE = VOLUME   :
1667     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1668    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1669                                                DAY OF WEEK = WEEKDAY
1670       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1671       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1672      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1673                                                DAY OF WEEK = SATURDAY
1674       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1675       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1676      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1677                                                DAY OF WEEK = SUNDAY
1678       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1679       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1680      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1681    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1682     *** AERMET - VERSION  22112 ***
         ***                                                                   ***
         14:47:46
1683
                                    PAGE  15
1684    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1685
1686                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1687
1688     SOURCE ID = VOL10         ; SOURCE TYPE = VOLUME   :
1689      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
1690    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1691                                                DAY OF WEEK = WEEKDAY
1692       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1693       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1694      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1695                                                DAY OF WEEK = SATURDAY
1696       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1697       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1698      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = VOL11   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 -
                                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
  .0000E+00   7 .1000E+01   8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
  .1000E+01 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00
                                                DAY OF WEEK = SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
  .0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
  .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00
                                                DAY OF WEEK = SUNDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
  .0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
  .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = VOL12   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
 -
                                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
  .0000E+00   7 .1000E+01   8 .1000E+01

```
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
     .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46

                              PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL13        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
     .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46

                              PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

```
                    WEEK (HRDOW) *
1775
1776    SOURCE ID = VOL14        ; SOURCE TYPE = VOLUME   :
1777     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1778    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1779                                                DAY OF WEEK = WEEKDAY
1780       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1781       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1782      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1783                                                DAY OF WEEK = SATURDAY
1784       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1785       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1786      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1787                                                DAY OF WEEK = SUNDAY
1788       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1789       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1790      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1791    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1792     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:47:46
1793
                                  PAGE  20
1794    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1795
1796                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1797
1798    SOURCE ID = VOL15        ; SOURCE TYPE = VOLUME   :
1799     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1800    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1801                                                DAY OF WEEK = WEEKDAY
1802       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1803       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1804      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1805                                                DAY OF WEEK = SATURDAY
1806       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1807       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1808      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1809                                                DAY OF WEEK = SUNDAY
1810       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1811       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1812      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14

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      .0000E+00   15  .0000E+00   16  .0000E+00
1852    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1853                                          DAY OF WEEK = SUNDAY
1854     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
1855     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
1856    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1857  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
    Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       08/13/25
1858   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       14:47:46
1859
                                PAGE  23
1860   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1861
1862                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                       WEEK (HRDOW) *
1863
1864   SOURCE ID = VOL18        ; SOURCE TYPE = VOLUME   :
1865    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1866   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
    - - - - - - - - - - - - - - - - - - - -
1867                                          DAY OF WEEK = WEEKDAY
1868     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
1869     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
1870    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1871                                          DAY OF WEEK = SATURDAY
1872     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
1873     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
1874    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1875                                          DAY OF WEEK = SUNDAY
1876     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
1877     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
1878    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1879  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
    Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       08/13/25
1880   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       14:47:46
1881
                                PAGE  24
1882   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1883
1884                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                       WEEK (HRDOW) *
1885
1886   SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
1887    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1888   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
    - - - - - - - - - - - - - - - - - - - -
1889                                          DAY OF WEEK = WEEKDAY
```

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1890       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1891       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1892      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1893                                              DAY OF WEEK = SATURDAY
1894       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1895       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1896      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1897                                              DAY OF WEEK = SUNDAY
1898       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1899       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1900      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1901  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1902   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:47:46
1903
                                  PAGE  25
1904   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1905
1906                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1907
1908   SOURCE ID = VOL20        ; SOURCE TYPE = VOLUME   :
1909    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1910   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
1911                                              DAY OF WEEK = WEEKDAY
1912       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1913       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1914      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1915                                              DAY OF WEEK = SATURDAY
1916       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1917       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1918      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1919                                              DAY OF WEEK = SUNDAY
1920       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1921       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1922      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1923  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1924   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:47:46
1925
                                  PAGE  26
1926   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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1927
1928                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1929
1930    SOURCE ID = VOL21        ; SOURCE TYPE = VOLUME   :
1931     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1932    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1933                                                DAY OF WEEK = WEEKDAY
1934       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1935       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1936      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1937                                                DAY OF WEEK = SATURDAY
1938       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1939       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1940      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1941                                                DAY OF WEEK = SUNDAY
1942       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1943       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1944      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1945    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1946     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:47:46
1947
                                  PAGE  27
1948    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1949
1950                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1951
1952    SOURCE ID = VOL22        ; SOURCE TYPE = VOLUME   :
1953     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1954    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1955                                                DAY OF WEEK = WEEKDAY
1956       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1957       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1958      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1959                                                DAY OF WEEK = SATURDAY
1960       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1961       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1962      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1963                                                DAY OF WEEK = SUNDAY
1964       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1965       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
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1966      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1967    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1968     *** AERMET - VERSION  22112 ***
          ***                                                                    ***
          14:47:46
1969
                                    PAGE  28
1970     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1971
1972                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
1973
1974     SOURCE ID = VOL23        ; SOURCE TYPE = VOLUME   :
1975      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
1976     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
1977                                                DAY OF WEEK = WEEKDAY
1978        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
1979        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
1980       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1981                                                DAY OF WEEK = SATURDAY
1982        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1983        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1984       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1985                                                DAY OF WEEK = SUNDAY
1986        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1987        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1988       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1989    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1990     *** AERMET - VERSION  22112 ***
          ***                                                                    ***
          14:47:46
1991
                                    PAGE  29
1992     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1993
1994                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
1995
1996     SOURCE ID = VOL24        ; SOURCE TYPE = VOLUME   :
1997      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
1998     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
1999                                                DAY OF WEEK = WEEKDAY
2000        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2001        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2002       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2003                                                DAY OF WEEK = SATURDAY
2004        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
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      .0000E+00    7  .0000E+00    8  .0000E+00
2005   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2006  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
2007                                          DAY OF WEEK = SUNDAY
2008   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
2009   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2010  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
2011 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2012  *** AERMET - VERSION  22112 ***
      ***                                                                ***
      14:47:46
2013
                                PAGE  30
2014  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2015
2016                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
2017
2018  SOURCE ID = VOL25        ; SOURCE TYPE = VOLUME   :
2019   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2020  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
2021                                          DAY OF WEEK = WEEKDAY
2022   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
2023   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
2024  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
2025                                          DAY OF WEEK = SATURDAY
2026   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
2027   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2028  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
2029                                          DAY OF WEEK = SUNDAY
2030   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
2031   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2032  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
2033 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2034  *** AERMET - VERSION  22112 ***
      ***                                                                ***
      14:47:46
2035
                                PAGE  31
2036  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2037
2038                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
2039
2040  SOURCE ID = VOL26        ; SOURCE TYPE = VOLUME   :
2041   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2042  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46

                            PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL27        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

14:47:46

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25
*** AERMET - VERSION 22112 ***
*** ***
14:47:46

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

```
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
 14:47:46

                                PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL32        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
 14:47:46

                                PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL33        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															

```
2272       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2273       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2274      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2275   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2276    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:47:46
2277
                                    PAGE  42
2278    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2279
2280                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2281
2282    SOURCE ID = VOL37        ; SOURCE TYPE = VOLUME   :
2283     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2284    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2285                                                DAY OF WEEK = WEEKDAY
2286       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2287       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2288      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2289                                                DAY OF WEEK = SATURDAY
2290       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2291       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2292      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2293                                                DAY OF WEEK = SUNDAY
2294       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2295       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2296      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2297   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2298    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:47:46
2299
                                    PAGE  43
2300    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2301
2302                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2303
2304    SOURCE ID = VOL38        ; SOURCE TYPE = VOLUME   :
2305     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2306    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2307                                                DAY OF WEEK = WEEKDAY
2308       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2309       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
```

```
2310      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2311                                              DAY OF WEEK = SATURDAY
2312       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2313       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2314      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2315                                              DAY OF WEEK = SUNDAY
2316       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2317       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2318      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2319  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2320   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:47:46
2321
                                  PAGE  44
2322   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2323
2324                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2325
2326   SOURCE ID = VOL39        ; SOURCE TYPE = VOLUME   :
2327    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2328   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
2329                                              DAY OF WEEK = WEEKDAY
2330       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2331       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2332      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2333                                              DAY OF WEEK = SATURDAY
2334       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2335       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2336      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2337                                              DAY OF WEEK = SUNDAY
2338       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2339       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2340      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2341  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2342   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:47:46
2343
                                  PAGE  45
2344   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2345
2346                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2347
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 SOURCE ID = VOL40        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46

                            PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL41        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
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*** AERMET - VERSION  22112 ***      ***                                                                 ***      14:47:46

                              PAGE  47
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL42        ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
*** AERMET - VERSION  22112 ***      ***                                                                 ***      14:47:46

                              PAGE  48
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL43        ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
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      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL44        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL45        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
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      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
     .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL46        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
     .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

```
                    WEEK (HRDOW) *
2501
2502    SOURCE ID = VOL47        ; SOURCE TYPE = VOLUME   :
2503     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2504    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2505                                                DAY OF WEEK = WEEKDAY
2506       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2507       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2508      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2509                                                DAY OF WEEK = SATURDAY
2510       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2511       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2512      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2513                                                DAY OF WEEK = SUNDAY
2514       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2515       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2516      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2517    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2518     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:47:46
2519
                                  PAGE  53
2520    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2521
2522                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
2523
2524    SOURCE ID = VOL48        ; SOURCE TYPE = VOLUME   :
2525     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2526    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2527                                                DAY OF WEEK = WEEKDAY
2528       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2529       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2530      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2531                                                DAY OF WEEK = SATURDAY
2532       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2533       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2534      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2535                                                DAY OF WEEK = SUNDAY
2536       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2537       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2538      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46

                            PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL51        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
 .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46

                            PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL52        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
2616       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2617       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2618      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2619                                                DAY OF WEEK = SATURDAY
2620       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2621       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2622      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2623                                                DAY OF WEEK = SUNDAY
2624       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2625       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2626      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2627  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2628   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:47:46
2629
                                  PAGE  58
2630   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2631
2632                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
2633
2634   SOURCE ID = VOL53        ; SOURCE TYPE = VOLUME   :
2635    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2636   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2637                                                DAY OF WEEK = WEEKDAY
2638       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2639       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2640      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2641                                                DAY OF WEEK = SATURDAY
2642       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2643       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2644      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2645                                                DAY OF WEEK = SUNDAY
2646       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2647       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2648      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2649  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2650   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:47:46
2651
                                  PAGE  59
2652   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL54        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                    ***
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                                PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL55        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:47:46

                              PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL56        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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                              PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL57        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

```
      .0000E+00    7  .0000E+00    8  .0000E+00
2731     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2732    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2733                                          DAY OF WEEK = SUNDAY
2734     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2735     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2736    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2737 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2738  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:47:46
2739
                                PAGE  63
2740  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2741
2742                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                       WEEK (HRDOW) *
2743
2744  SOURCE ID = VOL58        ; SOURCE TYPE = VOLUME   :
2745   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
      SCALAR   HOUR   SCALAR   HOUR   SCALAR
2746  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
2747                                          DAY OF WEEK = WEEKDAY
2748     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
2749     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
2750    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2751                                          DAY OF WEEK = SATURDAY
2752     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2753     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2754    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2755                                          DAY OF WEEK = SUNDAY
2756     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2757     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2758    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2759 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2760  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:47:46
2761
                                PAGE  64
2762  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2763
2764                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                       WEEK (HRDOW) *
2765
2766  SOURCE ID = VOL59        ; SOURCE TYPE = VOLUME   :
2767   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
      SCALAR   HOUR   SCALAR   HOUR   SCALAR
2768  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
 14:47:46

                              PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL60        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
 14:47:46
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

14:47:46

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

```
2845       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2846      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2847    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2848     *** AERMET - VERSION  22112 ***
          ***                                                              ***
          14:47:46
2849
                                    PAGE  68
2850     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2851
2852                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
2853
2854     SOURCE ID = VOL63        ; SOURCE TYPE = VOLUME   :
2855      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
2856     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2857                                                  DAY OF WEEK = WEEKDAY
2858       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2859       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2860      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2861                                                  DAY OF WEEK = SATURDAY
2862       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2863       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2864      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2865                                                  DAY OF WEEK = SUNDAY
2866       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2867       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2868      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2869    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2870     *** AERMET - VERSION  22112 ***
          ***                                                              ***
          14:47:46
2871
                                    PAGE  69
2872     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2873
2874                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
2875
2876     SOURCE ID = VOL64        ; SOURCE TYPE = VOLUME   :
2877      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
2878     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2879                                                  DAY OF WEEK = WEEKDAY
2880       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2881       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2882      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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                              PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL65        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46

                              PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL66        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                      ***
 14:47:46

                                PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL67        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                      ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(483094.1,	3733555.8,	436.2,	436.2,	2.0);	(483302.2,	3733579.2, 437.1, 437.1, 2.0);
(483075.7,	3732849.8,	436.4,	436.4,	2.0);	(482867.4,	3732844.3, 436.2, 436.2, 2.0);
(483195.1,	3733503.4,	436.8,	436.8,	2.0);	(483154.5,	3733554.2, 436.4, 436.4, 2.0);
(483244.8,	3733552.8,	436.8,	436.8,	2.0);	(483175.0,	3733572.0, 436.5, 436.5, 2.0);
(483199.2,	3733572.8,	436.6,	436.6,	2.0);	(483176.8,	3733587.4, 436.5, 436.5, 2.0);
(483300.9,	3733610.1,	437.2,	437.2,	2.0);	(483364.9,	3733616.6, 437.0, 437.0, 2.0);
(483306.8,	3733710.6,	436.7,	436.7,	2.0);	(483365.8,	3733685.7, 437.0, 437.0, 2.0);
(483489.0,	3733628.9,	437.4,	437.4,	2.0);	(484157.2,	3733885.8, 442.1, 442.1, 2.0);
(483716.3,	3733023.0,	438.2,	438.2,	2.0);	(483726.5,	3732835.3, 438.0, 438.0, 2.0);
(483628.0,	3732848.9,	437.6,	437.6,	2.0);	(483310.6,	

```
3732784.0,     437.3,     437.3,       2.0);
( 482988.5, 3732811.0,     436.1,     436.1,       2.0);         ( 482965.3,
3732850.8,     436.0,     436.0,       2.0);
( 482822.1, 3732840.0,     436.6,     436.6,       2.0);         ( 482867.9,
3732831.2,     436.2,     436.2,       2.0);
( 482933.9, 3733606.2,     435.5,     435.5,       2.0);         ( 482853.7,
3733596.1,     436.1,     436.1,       2.0);
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                       ***
 14:47:46

                             PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                           *** METEOROLOGICAL DAYS SELECTED FOR
                                           PROCESSING ***
                                                             (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
          1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
          1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
          1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
          1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
          1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
          1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
          1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1

              NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT
              IS INCLUDED IN THE DATA FILE.



                                 *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
                                 CATEGORIES ***
                                                           (METERS/SEC)

                                                1.54,   3.09,   5.14,   8.23,  10.80,
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                       ***
 14:47:46

                             PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                   *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA
                                   ***

   Surface file:
   ..\PERI_V11_trimmed.sfc
   Met Version:  22112
   Profile file:
   ..\PERI_V11_trimmed.PFL
   Surface format:
   FREE
```

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2016 Year: 2016

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35	1.03	41.	11.6	289.9	5.4
16	01	01	1	17	-13.7	0.171	-9.000	-9.000	-999.	169.	32.1	0.04	0.53	0.63	2.63	59.	11.6	287.2	5.4
16	01	01	1	18	-17.5	0.186	-9.000	-9.000	-999.	193.	38.2	0.04	0.53	1.00	2.86	43.	11.6	284.7	5.4
16	01	01	1	19	-18.1	0.193	-9.000	-9.000	-999.	204.	41.1	0.06	0.53	1.00	2.70	15.	11.6	283.9	5.4
16	01	01	1	20	-11.3	0.151	-9.000	-9.000	-999.	141.	26.4	0.06	0.53	1.00	2.15	10.	11.6	283.3	5.4
16	01	01	1	21	-4.4	0.094	-9.000	-9.000	-999.	69.	16.1	0.06	0.53	1.00	1.35	17.	11.6	283.0	5.4
16	01	01	1	22	-3.0	0.077	-9.000	-9.000	-999.	52.	13.5	0.04	0.53	1.00	1.16	36.	11.6	282.6	5.4
16	01	01	1	23	-2.4	0.074	-9.000	-9.000	-999.	48.	14.3	0.06	0.53	1.00	0.95	360.	11.6	281.7	5.4
16	01	01	1	24	-1.7	0.068	-9.000	-9.000	-999.	43.	15.7	0.06	0.53	1.00	0.74	334.	11.6	280.6	5.4

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
16	01	01	01	5.4	0	-999.	-99.00	279.8	99.0	-99.00	-99.00

```
 16 01 01 01   11.6 1  342.    3.11  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES
                              FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2        ,
                                  VOL3        , VOL4        , VOL5        ,
                VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
                VOL11       , VOL12       , VOL13       ,
                VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
                VOL19       , VOL20       , VOL21       ,
                VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
                VOL27       , VOL28       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF CO       IN
                                     MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
      Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
        483094.15   3733555.79       30.26672  (16082607)               483302.16
        3733579.24       30.95044  (16020107)
        483075.66   3732849.84       27.26406  (17010907)               482867.38
        3732844.32       19.11679  (16020508)
        483195.12   3733503.38       36.99732  (16020107)               483154.46
        3733554.20       30.67818  (16020107)
        483244.78   3733552.84       32.44098  (16020107)               483174.96
        3733571.99       29.09385  (16020107)
        483199.20   3733572.84       29.39389  (16020107)               483176.83
        3733587.41       27.67149  (16020107)
        483300.88   3733610.12       28.44084  (16020107)               483364.94
        3733616.56       27.37598  (16020107)
        483306.81   3733710.62       22.02679  (16020107)               483365.79
        3733685.70       24.07282  (16020107)
        483488.99   3733628.93       18.28628  (16020107)               484157.21
        3733885.83       10.03077  (19100907)
        483716.28   3733023.00        9.07034  (18031307)               483726.49
        3732835.33        5.99923  (16102407)
        483627.97   3732848.86        9.11549  (16102407)               483310.58
        3732784.00       25.34994  (16021507)
        482988.51   3732811.05       23.12785  (20010607)               482965.33
        3732850.79       25.01566  (20010607)
        482822.09   3732840.02       17.01840  (16020508)               482867.90
        3732831.19       18.42197  (16020508)
        482933.91   3733606.17       18.52361  (19011708)               482853.70
        3733596.13       19.23048  (16121608)
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                ***
 14:47:46

                              PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
483094.15	3733555.79	9.55988	(19041616)	483302.16	3733579.24	5.06153	(16020108)
483075.66	3732849.84	5.94737	(20010608)	482867.38	3732844.32	5.41276	(19123016)
483195.12	3733503.38	10.51431	(19041616)	483154.46	3733554.20	8.35160	(19041616)
483244.78	3733552.84	6.73410	(19041616)	483174.96	3733571.99	7.44602	(19041616)
483199.20	3733572.84	7.08796	(19041616)	483176.83	3733587.41	6.92917	(19041616)
483300.88	3733610.12	4.62083	(16020108)	483364.94	3733616.56	4.32637	(16020108)
483306.81	3733710.62	3.51139	(16020108)	483365.79	3733685.70	3.74831	(16020108)
483488.99	3733628.93	2.94713	(16020108)	484157.21	3733885.83	1.30210	(19100908)
483716.28	3733023.00	1.35297	(16122608)	483726.49	3732835.33	1.17609	(19012116)
483627.97	3732848.86	1.59590	(20122408)	483310.58	3732784.00	5.55204	(19123108)
482988.51	3732811.05	5.46434	(20010608)	482965.33	3732850.79	5.97742	(20010608)
482822.09	3732840.02	4.87472	(19123016)	482867.90	3732831.19	5.07718	(19123016)
482933.91	3733606.17	6.73921	(17021716)	482853.70	3733596.13	5.90685	(17021716)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

DATE

```
                                                                    NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR,
YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      36.99732  ON 16020107: AT (  483195.12,
3733503.38,   436.75,   436.75,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46

                               PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                              *** THE SUMMARY OF HIGHEST  8-HR RESULTS
                                              ***


                                    ** CONC OF CO       IN
                                    MICROGRAMS/M**3                          **


                                                   DATE

                                                    NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR,
YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      10.51431  ON 19041616: AT (  483195.12,
3733503.38,   436.75,   436.75,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:47:46

                               PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of           84 Warning Message(s)
 A Total of          598 Informational Message(s)

 A Total of        43848 Hours Were Processed
```

```
3193    A Total of          227 Calm Hours Identified
3194
3195    A Total of          371 Missing Hours Identified (  0.85 Percent)
3196
3197
3198       ******** FATAL ERROR MESSAGES ********
3199                    ***  NONE  ***
3200
3201
3202       ********   WARNING MESSAGES   ********
3203    ME W186    1222       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
       used           0.50
3204    ME W187    1222       MEOPEN: ADJ_U* Option for Stable Low Winds used in
       AERMET
3205    CN W733    1744         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016031316
3206    CN W733    1768         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016031416
3207    CN W733    4592         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016071008
3208    CN W733    4856         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072108
3209    CN W733    4880         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072208
3210    CN W733    4904         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072308
3211    CN W733    4928         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072408
3212    CN W733    4952         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072508
3213    CN W733    5000         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072708
3214    CN W733    5024         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072808
3215    CN W733    5072         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016073008
3216    CN W733    5984         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016090608
3217    CN W733    6056         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016090908
3218    CN W733    6080         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016091008
3219    CN W733    6104         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016091108
3220    CN W733    6176         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016091408
3221    CN W733    6200         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016091508
3222    CN W733    9952         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017021816
3223    CN W733   11336         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017041708
3224    CN W733   11480         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017042308
3225    CN W733   11552         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017042608
3226    CN W733   11696         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017050208
3227    CN W733   11720         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017050308
3228    CN W733   11744         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017050408
3229    CN W733   11840         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017050808
3230    CN W733   13536         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017071724
```

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3231    CN W733   13544         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2017071808
3232    CN W733   13616         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2017072108
3233    CN W733   19144         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018030816
3234    CN W733   20552         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018050608
3235    CN W733   20824         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018051716
3236    CN W733   21184         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060116
3237    CN W733   21192         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060124
3238    CN W733   21200         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060208
3239    CN W733   21208         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060216
3240    CN W733   21216         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060224
3241    CN W733   21224         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060308
3242    CN W733   21232         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060316
3243    CN W733   21240         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060324
3244    CN W733   21248         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060408
3245    CN W733   21264         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060424
3246    CN W733   21272         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060508
3247    CN W733   21288         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060524
3248    CN W733   21296         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060608
3249    CN W733   21312         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060624
3250    CN W733   21320         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018060708
3251    CN W733   22472         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2018072508
3252    CN W733   27920         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019030908
3253    CN W733   27944         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019031008
3254    CN W733   27992         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019031208
3255    CN W733   28136         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019031808
3256    CN W733   28160         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019031908
3257    CN W733   28208         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019032108
3258    CN W733   28232         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019032208
3259    CN W733   28256         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019032308
3260    CN W733   28304         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019032508
3261    CN W733   28320         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019032524
3262    CN W733   28328         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019032608
3263    CN W733   28352         AVER: 8-hr avg, < 6 hours of data, calms policy used.
        2019032708
```

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 CN W733   31624         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2019081016
 CN W733   36808         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031316
 CN W733   36832         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031416
 CN W733   36856         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031516
 CN W733   36880         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031616
 CN W733   37288         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040216
 CN W733   37312         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040316
 CN W733   37408         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040716
 CN W733   37720         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020042016
 CN W733   41712         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020100324
 CN W733   41720         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020100408
 CN W733   41800         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020100716
 CN W733   41872         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101016
 CN W733   42664         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111216
 CN W733   42808         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111816
 CN W733   42856         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112016
 CN W733   42880         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112116
 CN W733   42904         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112216
 CN W733   42928         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112316
 CN W733   42952         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112416
 CN W733   42976         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112516
 CN W733   43456         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020121516
 CN W733   43600         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020122116

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 8/13/2025
** File: C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Const NOx\16568-02 Const
NOx.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568-
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2492442 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "16568-02 Const NOx.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     482910.140  3733440.950      435.380
   LOCATION VOL2         VOLUME     482959.109  3733440.568      435.530
   LOCATION VOL3         VOLUME     483007.323  3733440.822      435.690
   LOCATION VOL4         VOLUME     483054.775  3733440.695      435.800
   LOCATION VOL5         VOLUME     482910.102  3733391.190      435.480
   LOCATION VOL6         VOLUME     482959.070  3733390.808      435.470
   LOCATION VOL7         VOLUME     483007.284  3733391.062      435.570
   LOCATION VOL8         VOLUME     483054.737  3733390.935      435.620
   LOCATION VOL9         VOLUME     483102.111  3733390.969      435.990
   LOCATION VOL10        VOLUME     483151.080  3733390.587      436.190
   LOCATION VOL11        VOLUME     483199.293  3733390.841      436.390
   LOCATION VOL12        VOLUME     483246.746  3733390.714      436.520
   LOCATION VOL13        VOLUME     482909.968  3733335.149      435.380
   LOCATION VOL14        VOLUME     482958.936  3733334.768      435.560
   LOCATION VOL15        VOLUME     483007.150  3733335.022      435.630
   LOCATION VOL16        VOLUME     483054.603  3733334.895      435.830
   LOCATION VOL17        VOLUME     483101.977  3733334.928      435.970
   LOCATION VOL18        VOLUME     483150.946  3733334.546      436.060
   LOCATION VOL19        VOLUME     483199.159  3733334.800      436.180
   LOCATION VOL20        VOLUME     483246.612  3733334.673      436.460
   LOCATION VOL21        VOLUME     482909.828  3733279.079      435.550
   LOCATION VOL22        VOLUME     482909.694  3733223.038      435.510
   LOCATION VOL23        VOLUME     482958.663  3733222.656      435.740
   LOCATION VOL24        VOLUME     482958.797  3733278.697      435.670
   LOCATION VOL25        VOLUME     483007.011  3733278.951      435.720
   LOCATION VOL26        VOLUME     483006.877  3733222.910      436.030
   LOCATION VOL27        VOLUME     483054.329  3733222.783      436.000
   LOCATION VOL28        VOLUME     483054.463  3733278.824      435.790
   LOCATION VOL29        VOLUME     483101.837  3733278.857      436.460
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   LOCATION VOL30        VOLUME     483101.703  3733222.817      436.360
   LOCATION VOL31        VOLUME     483150.672  3733222.435      437.520
   LOCATION VOL32        VOLUME     483150.806  3733278.476      436.570
   LOCATION VOL33        VOLUME     483199.020  3733278.729      436.730
   LOCATION VOL34        VOLUME     483198.886  3733222.689      436.790
   LOCATION VOL35        VOLUME     483246.338  3733222.562      436.840
   LOCATION VOL36        VOLUME     483246.472  3733278.602      436.770
   LOCATION VOL37        VOLUME     482909.828  3733166.682      435.500
   LOCATION VOL38        VOLUME     482909.694  3733110.641      435.670
   LOCATION VOL39        VOLUME     482958.663  3733110.260      435.760
   LOCATION VOL40        VOLUME     482958.797  3733166.300      435.660
   LOCATION VOL41        VOLUME     483007.011  3733166.554      435.800
   LOCATION VOL42        VOLUME     483006.877  3733110.513      435.800
   LOCATION VOL43        VOLUME     483054.329  3733110.386      435.900
   LOCATION VOL44        VOLUME     483054.463  3733166.427      436.040
   LOCATION VOL45        VOLUME     483101.837  3733166.460      436.330
   LOCATION VOL46        VOLUME     483101.703  3733110.420      435.950
   LOCATION VOL47        VOLUME     483150.672  3733110.038      436.050
   LOCATION VOL48        VOLUME     483150.806  3733166.079      436.460
   LOCATION VOL49        VOLUME     483199.020  3733166.332      436.340
   LOCATION VOL50        VOLUME     483198.886  3733110.292      436.160
   LOCATION VOL51        VOLUME     483246.338  3733110.165      436.320
   LOCATION VOL52        VOLUME     483246.472  3733166.205      436.320
   LOCATION VOL53        VOLUME     482910.448  3733084.243      435.710
   LOCATION VOL54        VOLUME     482910.314  3733028.203      435.700
   LOCATION VOL55        VOLUME     482959.283  3733027.821      435.790
   LOCATION VOL56        VOLUME     482959.417  3733083.862      435.800
   LOCATION VOL57        VOLUME     483007.630  3733084.116      435.830
   LOCATION VOL58        VOLUME     483007.496  3733028.075      435.870
   LOCATION VOL59        VOLUME     483054.949  3733027.948      435.960
   LOCATION VOL60        VOLUME     483055.083  3733083.989      435.890
   LOCATION VOL61        VOLUME     483102.457  3733084.022      436.000
   LOCATION VOL62        VOLUME     483102.323  3733027.981      436.080
   LOCATION VOL63        VOLUME     483151.292  3733027.600      436.140
   LOCATION VOL64        VOLUME     483151.426  3733083.640      436.070
   LOCATION VOL65        VOLUME     483199.640  3733083.894      436.190
   LOCATION VOL66        VOLUME     483199.506  3733027.854      436.230
   LOCATION VOL67        VOLUME     483246.958  3733027.727      436.430
   LOCATION VOL68        VOLUME     483247.092  3733083.767      436.340
** Source Parameters **
   SRCPARAM VOL1         0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL2         0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL3         0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL4         0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL5         0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL6         0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL7         0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL8         0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL9         0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL10        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL11        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL12        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL13        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL14        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL15        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL16        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL17        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL18        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL19        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL20        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL21        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL22        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL23        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL24        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL25        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL26        0.0110593433     5.000    12.977     1.400
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   SRCPARAM VOL27        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL28        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL29        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL30        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL31        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL32        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL33        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL34        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL35        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL36        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL37        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL38        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL39        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL40        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL41        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL42        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL43        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL44        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL45        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL46        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL47        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL48        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL49        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL50        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL51        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL52        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL53        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL54        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL55        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL56        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL57        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL58        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL59        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL60        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL61        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL62        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL63        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL64        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL65        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL66        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL67        0.0110593433     5.000    12.977     1.400
   SRCPARAM VOL68        0.0110593433     5.000    12.977     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL12        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL13        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL15        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL18        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL27        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL28        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL29        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL32        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL33        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL33        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL34        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL38        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL39        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL40        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL41        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL42        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL43        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL44        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL45        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL49        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL50        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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924       EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
925       EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
926       EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
927       EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
928    ** WeekDays:
929       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
930       EMISFACT VOL51        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
931       EMISFACT VOL51        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
932       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
933    ** Saturday:
934       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
935       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
936       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
937       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
938    ** Sunday:
939       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
940       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
941       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
942       EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
943    ** WeekDays:
944       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
945       EMISFACT VOL52        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
946       EMISFACT VOL52        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
947       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
948    ** Saturday:
949       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
950       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
951       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
952       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
953    ** Sunday:
954       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
955       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
956       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
957       EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
958    ** WeekDays:
959       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
960       EMISFACT VOL53        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
961       EMISFACT VOL53        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
962       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
963    ** Saturday:
964       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
965       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
966       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
967       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
968    ** Sunday:
969       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
970       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
971       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
972       EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
973    ** WeekDays:
974       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
975       EMISFACT VOL54        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
976       EMISFACT VOL54        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
977       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
978    ** Saturday:
979       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
980       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
981       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
982       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
983    ** Sunday:
984       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
985       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
986       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
987       EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
988    ** WeekDays:
989       EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL55        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL55        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL56        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL57        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL58        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL59        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL60        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL61        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL62        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL68        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "16568-02 Const NOx.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE ..\PERI_V11_trimmed.sfc
   PROFFILE ..\PERI_V11_trimmed.PFL
   SURFDATA 3171 2016
   UAIRDATA 3190 2016
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "16568-02 CONST NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "16568-02 Const NOx.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1222       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
 used           0.50
```

```
1253    ME W187    1222       MEOPEN: ADJ_U* Option for Stable Low Winds used in
        AERMET
1254
1255    ***********************************
1256    *** SETUP Finishes Successfully ***
1257    ***********************************
1258
1259    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1260    *** AERMET - VERSION  22112 ***
        ***                                                                ***
        14:59:34
1261
                                   PAGE   1
1262    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1263
1264                                              ***     MODEL SETUP OPTIONS SUMMARY       ***
1265    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - -
1266
1267    ** Model Options Selected:
1268         * Model Uses Regulatory DEFAULT Options
1269         * Model Is Setup For Calculation of Average CONCentration Values.
1270         * NO GAS DEPOSITION Data Provided.
1271         * NO PARTICLE DEPOSITION Data Provided.
1272         * Model Uses NO DRY DEPLETION. DDPLETE  =  F
1273         * Model Uses NO WET DEPLETION. WETDPLT  =  F
1274         * Stack-tip Downwash.
1275         * Model Accounts for ELEVated Terrain Effects.
1276         * Use Calms Processing Routine.
1277         * Use Missing Data Processing Routine.
1278         * No Exponential Decay.
1279         * Model Uses URBAN Dispersion Algorithm for the SBL for    68 Source(s),
1280           for Total of    1 Urban Area(s):
1281      Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
1282         * Urban Roughness Length of 1.0 Meter Used.
1283         * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
1284         * CCVR_Sub - Meteorological data includes CCVR substitutions
1285         * TEMP_Sub - Meteorological data includes TEMP substitutions
1286         * Model Accepts FLAGPOLE Receptor . Heights.
1287         * The User Specified a Pollutant Type of: NOX
1288
1289    **Model Calculates  1 Short Term Average(s) of:   1-HR
1290
1291    **This Run Includes:     68 Source(s);       1 Source Group(s); and      26 Receptor(s)
1292
1293                   with:      0 POINT(s), including
1294                              0 POINTCAP(s) and      0 POINTHOR(s)
1295                    and:     68 VOLUME source(s)
1296                    and:      0 AREA type source(s)
1297                    and:      0 LINE source(s)
1298                    and:      0 RLINE/RLINEXT source(s)
1299                    and:      0 OPENPIT source(s)
1300                    and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
1301                    and:      0 SWPOINT source(s)
1302
1303
1304    **Model Set To Continue RUNning After the Setup Testing.
1305
1306    **The AERMET Input Meteorological Data Version Date:  22112
1307
1308    **Output Options Selected:
1309             Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
                 Keyword)
1310             Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
1311             Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
```

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 442.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp

**Output Print File:
aermod.out

**Detailed Error/Message File: 16568-02 Const NOx.err
**File for Summary of Results: 16568-02 Const NOx.sum
FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25
*** AERMET - VERSION 22112 *** *** 14:59:34

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ	SOURCE SCALAR VARY BY
VOL1	0	0.11059E-01	482910.1	3733440.9	435.4	5.00	12.98	1.40	YES HRDOW
VOL2	0	0.11059E-01	482959.1	3733440.6	435.5	5.00	12.98	1.40	YES HRDOW
VOL3	0	0.11059E-01	483007.3	3733440.8	435.7	5.00	12.98	1.40	YES HRDOW
VOL4	0	0.11059E-01	483054.8	3733440.7	435.8	5.00	12.98	1.40	YES HRDOW
VOL5	0	0.11059E-01	482910.1	3733391.2	435.5	5.00	12.98	1.40	YES HRDOW
VOL6	0	0.11059E-01	482959.1	3733390.8	435.5	5.00	12.98	1.40	YES HRDOW
VOL7	0	0.11059E-01	483007.3	3733391.1	435.6	5.00	12.98	1.40	YES HRDOW
VOL8	0	0.11059E-01	483054.7	3733390.9	435.6	5.00	12.98	1.40	YES HRDOW
VOL9	0	0.11059E-01	483102.1	3733391.0	436.0	5.00	12.98	1.40	YES HRDOW
VOL10	0	0.11059E-01	483151.1	3733390.6	436.2	5.00	12.98	1.40	YES HRDOW

```
1351    VOL11            0   0.11059E-01  483199.3 3733390.8   436.4     5.00    12.98
        1.40     YES   HRDOW            NO
1352    VOL12            0   0.11059E-01  483246.7 3733390.7   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1353    VOL13            0   0.11059E-01  482910.0 3733335.1   435.4     5.00    12.98
        1.40     YES   HRDOW            NO
1354    VOL14            0   0.11059E-01  482958.9 3733334.8   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1355    VOL15            0   0.11059E-01  483007.1 3733335.0   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1356    VOL16            0   0.11059E-01  483054.6 3733334.9   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1357    VOL17            0   0.11059E-01  483102.0 3733334.9   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1358    VOL18            0   0.11059E-01  483150.9 3733334.5   436.1     5.00    12.98
        1.40     YES   HRDOW            NO
1359    VOL19            0   0.11059E-01  483199.2 3733334.8   436.2     5.00    12.98
        1.40     YES   HRDOW            NO
1360    VOL20            0   0.11059E-01  483246.6 3733334.7   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1361    VOL21            0   0.11059E-01  482909.8 3733279.1   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1362    VOL22            0   0.11059E-01  482909.7 3733223.0   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1363    VOL23            0   0.11059E-01  482958.7 3733222.7   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1364    VOL24            0   0.11059E-01  482958.8 3733278.7   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1365    VOL25            0   0.11059E-01  483007.0 3733279.0   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1366    VOL26            0   0.11059E-01  483006.9 3733222.9   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1367    VOL27            0   0.11059E-01  483054.3 3733222.8   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1368    VOL28            0   0.11059E-01  483054.5 3733278.8   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1369    VOL29            0   0.11059E-01  483101.8 3733278.9   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1370    VOL30            0   0.11059E-01  483101.7 3733222.8   436.4     5.00    12.98
        1.40     YES   HRDOW            NO
1371    VOL31            0   0.11059E-01  483150.7 3733222.4   437.5     5.00    12.98
        1.40     YES   HRDOW            NO
1372    VOL32            0   0.11059E-01  483150.8 3733278.5   436.6     5.00    12.98
        1.40     YES   HRDOW            NO
1373    VOL33            0   0.11059E-01  483199.0 3733278.7   436.7     5.00    12.98
        1.40     YES   HRDOW            NO
1374    VOL34            0   0.11059E-01  483198.9 3733222.7   436.8     5.00    12.98
        1.40     YES   HRDOW            NO
1375    VOL35            0   0.11059E-01  483246.3 3733222.6   436.8     5.00    12.98
        1.40     YES   HRDOW            NO
1376    VOL36            0   0.11059E-01  483246.5 3733278.6   436.8     5.00    12.98
        1.40     YES   HRDOW            NO
1377    VOL37            0   0.11059E-01  482909.8 3733166.7   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1378    VOL38            0   0.11059E-01  482909.7 3733110.6   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1379    VOL39            0   0.11059E-01  482958.7 3733110.3   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1380    VOL40            0   0.11059E-01  482958.8 3733166.3   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1381    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1382     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
         14:59:34
1383
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE INIT. PART. CATS.	URBAN SOURCE	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	BASE HEIGHT (METERS)	RELEASE HEIGHT (METERS)	INIT. SY SZ (METERS)
VOL41	0	1.40	0.11059E-01 HRDOW	483007.0	3733166.6	435.8	5.00	12.98	YES NO
VOL42	0	1.40	0.11059E-01 HRDOW	483006.9	3733110.5	435.8	5.00	12.98	YES NO
VOL43	0	1.40	0.11059E-01 HRDOW	483054.3	3733110.4	435.9	5.00	12.98	YES NO
VOL44	0	1.40	0.11059E-01 HRDOW	483054.5	3733166.4	436.0	5.00	12.98	YES NO
VOL45	0	1.40	0.11059E-01 HRDOW	483101.8	3733166.5	436.3	5.00	12.98	YES NO
VOL46	0	1.40	0.11059E-01 HRDOW	483101.7	3733110.4	435.9	5.00	12.98	YES NO
VOL47	0	1.40	0.11059E-01 HRDOW	483150.7	3733110.0	436.1	5.00	12.98	YES NO
VOL48	0	1.40	0.11059E-01 HRDOW	483150.8	3733166.1	436.5	5.00	12.98	YES NO
VOL49	0	1.40	0.11059E-01 HRDOW	483199.0	3733166.3	436.3	5.00	12.98	YES NO
VOL50	0	1.40	0.11059E-01 HRDOW	483198.9	3733110.3	436.2	5.00	12.98	YES NO
VOL51	0	1.40	0.11059E-01 HRDOW	483246.3	3733110.2	436.3	5.00	12.98	YES NO
VOL52	0	1.40	0.11059E-01 HRDOW	483246.5	3733166.2	436.3	5.00	12.98	YES NO
VOL53	0	1.40	0.11059E-01 HRDOW	482910.4	3733084.2	435.7	5.00	12.98	YES NO
VOL54	0	1.40	0.11059E-01 HRDOW	482910.3	3733028.2	435.7	5.00	12.98	YES NO
VOL55	0	1.40	0.11059E-01 HRDOW	482959.3	3733027.8	435.8	5.00	12.98	YES NO
VOL56	0	1.40	0.11059E-01 HRDOW	482959.4	3733083.9	435.8	5.00	12.98	YES NO
VOL57	0	1.40	0.11059E-01 HRDOW	483007.6	3733084.1	435.8	5.00	12.98	YES NO
VOL58	0	1.40	0.11059E-01 HRDOW	483007.5	3733028.1	435.9	5.00	12.98	YES NO
VOL59	0	1.40	0.11059E-01 HRDOW	483054.9	3733027.9	436.0	5.00	12.98	YES NO
VOL60	0	1.40	0.11059E-01 HRDOW	483055.1	3733084.0	435.9	5.00	12.98	YES NO
VOL61	0	1.40	0.11059E-01 HRDOW	483102.5	3733084.0	436.0	5.00	12.98	YES NO
VOL62	0	1.40	0.11059E-01 HRDOW	483102.3	3733028.0	436.1	5.00	12.98	YES NO
VOL63	0	1.40	0.11059E-01 HRDOW	483151.3	3733027.6	436.1	5.00	12.98	YES NO
VOL64	0	1.40	0.11059E-01 HRDOW	483151.4	3733083.6	436.1	5.00	12.98	YES NO
VOL65	0	1.40	0.11059E-01 HRDOW	483199.6	3733083.9	436.2	5.00	12.98	YES NO
VOL66	0		0.11059E-01	483199.5	3733027.9	436.2	5.00	12.98	

```
      1.40     YES   HRDOW            NO
1420  VOL67            0   0.11059E-01  483247.0 3733027.7   436.4     5.00    12.98
      1.40     YES   HRDOW            NO
1421  VOL68            0   0.11059E-01  483247.1 3733083.8   436.3     5.00    12.98
      1.40     YES   HRDOW            NO
1422  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1423   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       14:59:34
1424
                                  PAGE   4
1425   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1426
1427
1428                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
1429
1430   SRCGROUP ID                                          SOURCE IDs
1431   -----------                                          ----------
1432
1433
1434    ALL        VOL1        , VOL2        , VOL3        , VOL4        , VOL5        ,
       VOL6        , VOL7        , VOL8        ,
1435
1436               VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                   VOL14       , VOL15       , VOL16       ,
1437
1438               VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                   VOL22       , VOL23       , VOL24       ,
1439
1440               VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                   VOL30       , VOL31       , VOL32       ,
1441
1442               VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                   VOL38       , VOL39       , VOL40       ,
1443
1444               VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                   VOL46       , VOL47       , VOL48       ,
1445
1446               VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                   VOL54       , VOL55       , VOL56       ,
1447
1448               VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                   VOL62       , VOL63       , VOL64       ,
1449
1450               VOL65       , VOL66       , VOL67       , VOL68       ,
1451   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1452   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       14:59:34
1453
                                  PAGE   5
1454   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1455
1456
1457                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***
1458
1459    URBAN ID   URBAN POP                                 SOURCE IDs
1460    --------   ---------                                 ----------
1461
1462
1463                2492442.   VOL1        , VOL2        , VOL3        , VOL4        ,
                   VOL5        , VOL6        , VOL7        ,
1464   VOL8        ,
1465
```

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1466                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                    VOL14       , VOL15       , VOL16       ,
1467
1468                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                    VOL22       , VOL23       , VOL24       ,
1469
1470                VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                    VOL30       , VOL31       , VOL32       ,
1471
1472                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                    VOL38       , VOL39       , VOL40       ,
1473
1474                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                    VOL46       , VOL47       , VOL48       ,
1475
1476                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                    VOL54       , VOL55       , VOL56       ,
1477
1478                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                    VOL62       , VOL63       , VOL64       ,
1479
1480                VOL65       , VOL66       , VOL67       , VOL68       ,
1481   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1482    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:59:34
1483
                                    PAGE   6
1484    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1485
1486                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1487
1488    SOURCE ID = VOL1          ; SOURCE TYPE = VOLUME   :
1489     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1490    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1491                                                DAY OF WEEK = WEEKDAY
1492       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1493       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1494      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1495                                                DAY OF WEEK = SATURDAY
1496       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1497       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1498      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1499                                                DAY OF WEEK = SUNDAY
1500       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1501       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1502      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1503   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1504    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:59:34
1505
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

14:59:34

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

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      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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                                PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL5         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                              PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL6         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                              PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL7         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 14:59:34

                                PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL8         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															

```
1698       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1699       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1700      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1701   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1702    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:59:34
1703
                                    PAGE  16
1704    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1705
1706                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1707
1708    SOURCE ID = VOL11        ; SOURCE TYPE = VOLUME   :
1709     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1710    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1711                                                DAY OF WEEK = WEEKDAY
1712       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1713       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1714      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1715                                                DAY OF WEEK = SATURDAY
1716       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1717       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1718      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1719                                                DAY OF WEEK = SUNDAY
1720       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1721       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1722      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
1723   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1724    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:59:34
1725
                                    PAGE  17
1726    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1727
1728                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1729
1730    SOURCE ID = VOL12        ; SOURCE TYPE = VOLUME   :
1731     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1732    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1733                                                DAY OF WEEK = WEEKDAY
1734       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1735       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
```

```
1736      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1737                                              DAY OF WEEK = SATURDAY
1738       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1739       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1740      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1741                                              DAY OF WEEK = SUNDAY
1742       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1743       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1744      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1745  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1746   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:59:34
1747
                                  PAGE  18
1748   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1749
1750                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1751
1752   SOURCE ID = VOL13        ; SOURCE TYPE = VOLUME   :
1753    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1754   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
1755                                              DAY OF WEEK = WEEKDAY
1756       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
1757       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
1758      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1759                                              DAY OF WEEK = SATURDAY
1760       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1761       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1762      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1763                                              DAY OF WEEK = SUNDAY
1764       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1765       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1766      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1767  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1768   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:59:34
1769
                                  PAGE  19
1770   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1771
1772                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1773
```

```
 SOURCE ID = VOL14        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                              PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL15        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
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1812    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:59:34
1813
                                    PAGE  21
1814    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1815
1816                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1817
1818    SOURCE ID = VOL16        ; SOURCE TYPE = VOLUME   :
1819     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1820    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - - -
1821                                                  DAY OF WEEK = WEEKDAY
1822       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1823       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1824      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1825                                                  DAY OF WEEK = SATURDAY
1826       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1827       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1828      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1829                                                  DAY OF WEEK = SUNDAY
1830       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1831       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1832      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1833    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1834     *** AERMET - VERSION  22112 ***
         ***                                                                   ***
         14:59:34
1835
                                    PAGE  22
1836    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1837
1838                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1839
1840    SOURCE ID = VOL17        ; SOURCE TYPE = VOLUME   :
1841     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1842    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - - -
1843                                                  DAY OF WEEK = WEEKDAY
1844       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1845       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1846      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1847                                                  DAY OF WEEK = SATURDAY
1848       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1849       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1850      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
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      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:59:34

                              PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL18        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:59:34

                              PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
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      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                              PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL20        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                              PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
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```
                    WEEK (HRDOW) *
1927
1928    SOURCE ID = VOL21        ; SOURCE TYPE = VOLUME   :
1929     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1930    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1931                                                DAY OF WEEK = WEEKDAY
1932       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1933       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1934      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1935                                                DAY OF WEEK = SATURDAY
1936       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1937       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1938      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1939                                                DAY OF WEEK = SUNDAY
1940       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1941       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1942      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1943    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1944     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:59:34
1945
                                  PAGE  27
1946    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1947
1948                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1949
1950    SOURCE ID = VOL22        ; SOURCE TYPE = VOLUME   :
1951     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1952    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1953                                                DAY OF WEEK = WEEKDAY
1954       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1955       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1956      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1957                                                DAY OF WEEK = SATURDAY
1958       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1959       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1960      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1961                                                DAY OF WEEK = SUNDAY
1962       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1963       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1964      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                            PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL25        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
 .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                            PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL26        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
 14:59:34

                              PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL27        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
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                              PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL28        ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                         ***
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                              PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL29        ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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                              PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

```
      .0000E+00    7  .0000E+00    8  .0000E+00
2157   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2158  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
2159                                          DAY OF WEEK = SUNDAY
2160   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
2161   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2162  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
2163 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2164  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:59:34
2165
                                PAGE  37
2166  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2167
2168                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
2169
2170  SOURCE ID = VOL32        ; SOURCE TYPE = VOLUME   :
2171   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2172  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
2173                                          DAY OF WEEK = WEEKDAY
2174   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
2175   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
2176  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
2177                                          DAY OF WEEK = SATURDAY
2178   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
2179   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2180  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
2181                                          DAY OF WEEK = SUNDAY
2182   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
2183   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2184  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
2185 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2186  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:59:34
2187
                                PAGE  38
2188  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2189
2190                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
2191
2192  SOURCE ID = VOL33        ; SOURCE TYPE = VOLUME   :
2193   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2194  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                              ***
 14:59:34

                                PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL34        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                              ***
 14:59:34
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

14:59:34

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

```
2271       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2272      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2273    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2274     *** AERMET - VERSION  22112 ***
           ***                                                              ***
           14:59:34
2275
                                    PAGE  42
2276     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2277
2278                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
2279
2280     SOURCE ID = VOL37        ; SOURCE TYPE = VOLUME   :
2281      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
           SCALAR   HOUR   SCALAR   HOUR   SCALAR
2282     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2283                                                 DAY OF WEEK = WEEKDAY
2284       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2285       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2286      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2287                                                 DAY OF WEEK = SATURDAY
2288       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2289       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2290      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2291                                                 DAY OF WEEK = SUNDAY
2292       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2293       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2294      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2295    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2296     *** AERMET - VERSION  22112 ***
           ***                                                              ***
           14:59:34
2297
                                    PAGE  43
2298     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2299
2300                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
2301
2302     SOURCE ID = VOL38        ; SOURCE TYPE = VOLUME   :
2303      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
           SCALAR   HOUR   SCALAR   HOUR   SCALAR
2304     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2305                                                 DAY OF WEEK = WEEKDAY
2306       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2307       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2308      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
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                                                  DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                         ***
 14:59:34

                             PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = VOL39        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                         ***
 14:59:34

                             PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = VOL40        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

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 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                      ***
 14:59:34

                               PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = VOL41        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                      ***
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL43 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

```
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:59:34

                              PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL44        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
     .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:59:34

                              PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL45        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
```

```
2462      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2463                                              DAY OF WEEK = SATURDAY
2464       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2465       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2466      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2467                                              DAY OF WEEK = SUNDAY
2468       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2469       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2470      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2471   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2472    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        14:59:34
2473
                                  PAGE  51
2474    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2475
2476                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2477
2478    SOURCE ID = VOL46        ; SOURCE TYPE = VOLUME   :
2479     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2480    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2481                                              DAY OF WEEK = WEEKDAY
2482       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2483       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2484      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2485                                              DAY OF WEEK = SATURDAY
2486       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2487       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2488      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2489                                              DAY OF WEEK = SUNDAY
2490       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2491       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2492      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2493   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2494    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        14:59:34
2495
                                  PAGE  52
2496    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2497
2498                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2499
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```
 SOURCE ID = VOL47        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                            PAGE  53
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = VOL48        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
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2538    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:59:34
2539
                                    PAGE  54
2540    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2541
2542                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2543
2544    SOURCE ID = VOL49        ; SOURCE TYPE = VOLUME   :
2545     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2546    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - - - -
2547                                                DAY OF WEEK = WEEKDAY
2548       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2549       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2550      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2551                                                DAY OF WEEK = SATURDAY
2552       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2553       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2554      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2555                                                DAY OF WEEK = SUNDAY
2556       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2557       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2558      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2559    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2560     *** AERMET - VERSION  22112 ***
         ***                                                                   ***
         14:59:34
2561
                                    PAGE  55
2562    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2563
2564                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2565
2566    SOURCE ID = VOL50        ; SOURCE TYPE = VOLUME   :
2567     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2568    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - - - -
2569                                                DAY OF WEEK = WEEKDAY
2570       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2571       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2572      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2573                                                DAY OF WEEK = SATURDAY
2574       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2575       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2576      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

```
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:59:34

                              PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL51        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:59:34

                              PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL52        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
```

```
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                              PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL53        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                              PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

```
                    WEEK (HRDOW) *
2653
2654    SOURCE ID = VOL54        ; SOURCE TYPE = VOLUME   :
2655     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2656    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2657                                                DAY OF WEEK = WEEKDAY
2658       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2659       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2660      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2661                                                DAY OF WEEK = SATURDAY
2662       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2663       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2664      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2665                                                DAY OF WEEK = SUNDAY
2666       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2667       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2668      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2669    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2670     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:59:34
2671
                                    PAGE  60
2672    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2673
2674                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2675
2676    SOURCE ID = VOL55        ; SOURCE TYPE = VOLUME   :
2677     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2678    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2679                                                DAY OF WEEK = WEEKDAY
2680       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2681       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2682      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2683                                                DAY OF WEEK = SATURDAY
2684       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2685       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2686      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2687                                                DAY OF WEEK = SUNDAY
2688       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2689       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2690      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

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 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL58        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
 .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
 .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
 .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                            PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL59        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
2768       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2769       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2770      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2771                                              DAY OF WEEK = SATURDAY
2772       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2773       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2774      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2775                                              DAY OF WEEK = SUNDAY
2776       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2777       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2778      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2779 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2780  *** AERMET - VERSION  22112 ***
      ***                                                                    ***
      14:59:34
2781
                                PAGE  65
2782  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2783
2784                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
2785
2786  SOURCE ID = VOL60        ; SOURCE TYPE = VOLUME   :
2787   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2788  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - - -
2789                                              DAY OF WEEK = WEEKDAY
2790       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2791       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2792      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2793                                              DAY OF WEEK = SATURDAY
2794       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2795       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2796      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2797                                              DAY OF WEEK = SUNDAY
2798       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2799       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2800      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2801 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2802  *** AERMET - VERSION  22112 ***
      ***                                                                    ***
      14:59:34
2803
                                PAGE  66
2804  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL61        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                 ***
 14:59:34

                              PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL62        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
2844      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2845    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2846     *** AERMET - VERSION  22112 ***
          ***                                                                    ***
          14:59:34
2847
                                    PAGE  68
2848     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2849
2850                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
2851
2852     SOURCE ID = VOL63        ; SOURCE TYPE = VOLUME   :
2853      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
2854     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2855                                                DAY OF WEEK = WEEKDAY
2856        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2857        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2858       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2859                                                DAY OF WEEK = SATURDAY
2860        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2861        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2862       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2863                                                DAY OF WEEK = SUNDAY
2864        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2865        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2866       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2867    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2868     *** AERMET - VERSION  22112 ***
          ***                                                                    ***
          14:59:34
2869
                                    PAGE  69
2870     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2871
2872                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
2873
2874     SOURCE ID = VOL64        ; SOURCE TYPE = VOLUME   :
2875      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
2876     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2877                                                DAY OF WEEK = WEEKDAY
2878        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2879        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2880       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2881                                                DAY OF WEEK = SATURDAY
2882        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

```
      .0000E+00    7  .0000E+00    8  .0000E+00
2883   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2884  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2885                                          DAY OF WEEK = SUNDAY
2886   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
2887   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2888  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2889  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2890   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       14:59:34
2891
                                PAGE  70
2892   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2893
2894                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
2895
2896   SOURCE ID = VOL65        ; SOURCE TYPE = VOLUME   :
2897    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2898   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2899                                          DAY OF WEEK = WEEKDAY
2900   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
2901   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
2902  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2903                                          DAY OF WEEK = SATURDAY
2904   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
2905   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2906  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2907                                          DAY OF WEEK = SUNDAY
2908   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
2909   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
2910  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2911  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2912   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       14:59:34
2913
                                PAGE  71
2914   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2915
2916                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
2917
2918   SOURCE ID = VOL66        ; SOURCE TYPE = VOLUME   :
2919    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2920   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34

                            PAGE  72
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = VOL67        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:59:34
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

14:59:34

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(	483094.1,	3733555.8,	436.2,	436.2,	2.0);	(	483302.2,	3733579.2,	437.1, 437.1, 2.0);
(	483075.7,	3732849.8,	436.4,	436.4,	2.0);	(	482867.4,	3732844.3,	436.2, 436.2, 2.0);
(	483195.1,	3733503.4,	436.8,	436.8,	2.0);	(	483154.5,	3733554.2,	436.4, 436.4, 2.0);
(	483244.8,	3733552.8,	436.8,	436.8,	2.0);	(	483175.0,	3733572.0,	436.5, 436.5, 2.0);
(	483199.2,	3733572.8,	436.6,	436.6,	2.0);	(	483176.8,	3733587.4,	436.5, 436.5, 2.0);
(	483300.9,	3733610.1,	437.2,	437.2,	2.0);	(	483364.9,	3733616.6,	437.0, 437.0, 2.0);
(	483306.8,	3733710.6,	436.7,	436.7,	2.0);	(	483365.8,	3733685.7,	437.0, 437.0, 2.0);
(	483489.0,	3733628.9,	437.4,	437.4,	2.0);	(	484157.2,	3733885.8,	442.1, 442.1, 2.0);
(	483716.3,	3733023.0,	438.2,	438.2,	2.0);	(	483726.5,	3732835.3,	438.0, 438.0, 2.0);
(	483628.0,	3732848.9,	437.6,	437.6,	2.0);	(	483310.6,	3732784.0,	437.3, 437.3, 2.0);
(	482988.5,	3732811.0,	436.1,	436.1,	2.0);	(	482965.3,		

```
      3732850.8,     436.0,     436.0,       2.0);
2997  ( 482822.1, 3732840.0,     436.6,     436.6,       2.0);         ( 482867.9,
      3732831.2,     436.2,     436.2,       2.0);
2998  ( 482933.9, 3733606.2,     435.5,     435.5,       2.0);         ( 482853.7,
      3733596.1,     436.1,     436.1,       2.0);
2999  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3000   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       14:59:34
3001
                                  PAGE  75
3002   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
3003
3004                                          *** METEOROLOGICAL DAYS SELECTED FOR
                                              PROCESSING ***
3005                                                        (1=YES; 0=NO)
3006
3007             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
3008             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
3009             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
3010             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
3011             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
3012             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
3013             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
3014             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
3015
3016                 NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT
                     IS INCLUDED IN THE DATA FILE.
3017
3018
3019
3020                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
                                      CATEGORIES ***
3021                                                  (METERS/SEC)
3022
3023                                                1.54,   3.09,   5.14,   8.23,  10.80,
3024  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3025   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       14:59:34
3026
                                  PAGE  76
3027   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
3028
3029                                  *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA
                                      ***
3030
3031       Surface file:
           ..\PERI_V11_trimmed.sfc
           Met Version:  22112
3032       Profile file:
           ..\PERI_V11_trimmed.PFL
3033       Surface format:
           FREE

3034       Profile format:
           FREE
```

Surface station no.: 3171 Upper air station no.: 3190

Name: UNKNOWN Name: UNKNOWN

Year: 2016 Year: 2016

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35	1.03	41.	11.6	289.9	5.4
16	01	01	1	17	-13.7	0.171	-9.000	-9.000	-999.	169.	32.1	0.04	0.53	0.63	2.63	59.	11.6	287.2	5.4
16	01	01	1	18	-17.5	0.186	-9.000	-9.000	-999.	193.	38.2	0.04	0.53	1.00	2.86	43.	11.6	284.7	5.4
16	01	01	1	19	-18.1	0.193	-9.000	-9.000	-999.	204.	41.1	0.06	0.53	1.00	2.70	15.	11.6	283.9	5.4
16	01	01	1	20	-11.3	0.151	-9.000	-9.000	-999.	141.	26.4	0.06	0.53	1.00	2.15	10.	11.6	283.3	5.4
16	01	01	1	21	-4.4	0.094	-9.000	-9.000	-999.	69.	16.1	0.06	0.53	1.00	1.35	17.	11.6	283.0	5.4
16	01	01	1	22	-3.0	0.077	-9.000	-9.000	-999.	52.	13.5	0.04	0.53	1.00	1.16	36.	11.6	282.6	5.4
16	01	01	1	23	-2.4	0.074	-9.000	-9.000	-999.	48.	14.3	0.06	0.53	1.00	0.95	360.	11.6	281.7	5.4
16	01	01	1	24	-1.7	0.068	-9.000	-9.000	-999.	43.	15.7	0.06	0.53	1.00	0.74	334.	11.6	280.6	5.4

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
16	01	01	01	5.4	0	-999.	-99.00	279.8	99.0	-99.00	-99.00
16	01	01	01	11.6	1	342.	3.11	-999.0	99.0	-99.00	-99.00

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
483094.15	3733555.79	33.62596	(16082607)	483302.16	3733579.24	34.38557	(16020107)
483075.66	3732849.84	30.29005	(17010907)	482867.38	3732844.32	21.23853	(16020508)
483195.12	3733503.38	41.10358	(16020107)	483154.46	3733554.20	34.08309	(16020107)
483244.78	3733552.84	36.04154	(16020107)	483174.96	3733571.99	32.32292	(16020107)
483199.20	3733572.84	32.65626	(16020107)	483176.83	3733587.41	30.74269	(16020107)
483300.88	3733610.12	31.59743	(16020107)	483364.94	3733616.56	30.41439	(16020107)
483306.81	3733710.62	24.47150	(16020107)	483365.79	3733685.70	26.74462	(16020107)
483488.99	3733628.93	20.31584	(16020107)	484157.21	3733885.83	11.14407	(19100907)
483716.28	3733023.00	10.07704	(18031307)	483726.49	3732835.33	6.66507	(16102407)
483627.97	3732848.86	10.12720	(16102407)	483310.58	3732784.00	28.16348	(16021507)
482988.51	3732811.05	25.69477	(20010607)	482965.33	3732850.79	27.79209	(20010607)
482822.09	3732840.02	18.90724	(16020508)	482867.90	3732831.19	20.46659	(16020508)
482933.91	3733606.17	20.57951	(19011708)	482853.70	3733596.13	21.36483	(16121608)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS

```
                                                                      ***
3110
3111
3112                                          ** CONC OF NOX      IN
                                              MICROGRAMS/M**3                          **
3113
3114
                                                                    DATE

                                                                     NETWORK
3115  GROUP ID                              AVERAGE CONC     (YYMMDDHH)              RECEPTOR  (XR,
      YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
3116  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
3117
3118  ALL      HIGH   1ST HIGH VALUE IS      41.10358  ON 16020107: AT (  483195.12,
      3733503.38,   436.75,   436.75,    2.00)  DC
3119
3120
3121   *** RECEPTOR TYPES:  GC = GRIDCART
3122                        GP = GRIDPOLR
3123                        DC = DISCCART
3124                        DP = DISCPOLR
3125  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3126   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:59:34
3127
                                  PAGE  79
3128   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
3129
3130   *** Message Summary : AERMOD Model Execution ***
3131
3132    --------- Summary of Total Messages --------
3133
3134   A Total of            0 Fatal Error Message(s)
3135   A Total of            2 Warning Message(s)
3136   A Total of          598 Informational Message(s)
3137
3138   A Total of        43848 Hours Were Processed
3139
3140   A Total of          227 Calm Hours Identified
3141
3142   A Total of          371 Missing Hours Identified (  0.85 Percent)
3143
3144
3145      ******** FATAL ERROR MESSAGES ********
3146                  ***  NONE  ***
3147
3148
3149      ********   WARNING MESSAGES   ********
3150   ME W186    1222       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
      used           0.50
3151   ME W187    1222       MEOPEN: ADJ_U* Option for Stable Low Winds used in
      AERMET
3152
3153      ***********************************
3154      *** AERMOD Finishes Successfully ***
3155      ***********************************
3156
3157
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 8/13/2025
** File: C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Const PM10\16568-02 Const
PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568-
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2492442 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "16568-02 Const PM10.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     482910.140  3733440.950      435.380
   LOCATION VOL2         VOLUME     482959.109  3733440.568      435.530
   LOCATION VOL3         VOLUME     483007.323  3733440.822      435.690
   LOCATION VOL4         VOLUME     483054.775  3733440.695      435.800
   LOCATION VOL5         VOLUME     482910.102  3733391.190      435.480
   LOCATION VOL6         VOLUME     482959.070  3733390.808      435.470
   LOCATION VOL7         VOLUME     483007.284  3733391.062      435.570
   LOCATION VOL8         VOLUME     483054.737  3733390.935      435.620
   LOCATION VOL9         VOLUME     483102.111  3733390.969      435.990
   LOCATION VOL10        VOLUME     483151.080  3733390.587      436.190
   LOCATION VOL11        VOLUME     483199.293  3733390.841      436.390
   LOCATION VOL12        VOLUME     483246.746  3733390.714      436.520
   LOCATION VOL13        VOLUME     482909.968  3733335.149      435.380
   LOCATION VOL14        VOLUME     482958.936  3733334.768      435.560
   LOCATION VOL15        VOLUME     483007.150  3733335.022      435.630
   LOCATION VOL16        VOLUME     483054.603  3733334.895      435.830
   LOCATION VOL17        VOLUME     483101.977  3733334.928      435.970
   LOCATION VOL18        VOLUME     483150.946  3733334.546      436.060
   LOCATION VOL19        VOLUME     483199.159  3733334.800      436.180
   LOCATION VOL20        VOLUME     483246.612  3733334.673      436.460
   LOCATION VOL21        VOLUME     482909.828  3733279.079      435.550
   LOCATION VOL22        VOLUME     482909.694  3733223.038      435.510
   LOCATION VOL23        VOLUME     482958.663  3733222.656      435.740
   LOCATION VOL24        VOLUME     482958.797  3733278.697      435.670
   LOCATION VOL25        VOLUME     483007.011  3733278.951      435.720
   LOCATION VOL26        VOLUME     483006.877  3733222.910      436.030
   LOCATION VOL27        VOLUME     483054.329  3733222.783      436.000
   LOCATION VOL28        VOLUME     483054.463  3733278.824      435.790
   LOCATION VOL29        VOLUME     483101.837  3733278.857      436.460
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     LOCATION VOL30        VOLUME     483101.703  3733222.817      436.360
     LOCATION VOL31        VOLUME     483150.672  3733222.435      437.520
     LOCATION VOL32        VOLUME     483150.806  3733278.476      436.570
     LOCATION VOL33        VOLUME     483199.020  3733278.729      436.730
     LOCATION VOL34        VOLUME     483198.886  3733222.689      436.790
     LOCATION VOL35        VOLUME     483246.338  3733222.562      436.840
     LOCATION VOL36        VOLUME     483246.472  3733278.602      436.770
     LOCATION VOL37        VOLUME     482909.828  3733166.682      435.500
     LOCATION VOL38        VOLUME     482909.694  3733110.641      435.670
     LOCATION VOL39        VOLUME     482958.663  3733110.260      435.760
     LOCATION VOL40        VOLUME     482958.797  3733166.300      435.660
     LOCATION VOL41        VOLUME     483007.011  3733166.554      435.800
     LOCATION VOL42        VOLUME     483006.877  3733110.513      435.800
     LOCATION VOL43        VOLUME     483054.329  3733110.386      435.900
     LOCATION VOL44        VOLUME     483054.463  3733166.427      436.040
     LOCATION VOL45        VOLUME     483101.837  3733166.460      436.330
     LOCATION VOL46        VOLUME     483101.703  3733110.420      435.950
     LOCATION VOL47        VOLUME     483150.672  3733110.038      436.050
     LOCATION VOL48        VOLUME     483150.806  3733166.079      436.460
     LOCATION VOL49        VOLUME     483199.020  3733166.332      436.340
     LOCATION VOL50        VOLUME     483198.886  3733110.292      436.160
     LOCATION VOL51        VOLUME     483246.338  3733110.165      436.320
     LOCATION VOL52        VOLUME     483246.472  3733166.205      436.320
     LOCATION VOL53        VOLUME     482910.448  3733084.243      435.710
     LOCATION VOL54        VOLUME     482910.314  3733028.203      435.700
     LOCATION VOL55        VOLUME     482959.283  3733027.821      435.790
     LOCATION VOL56        VOLUME     482959.417  3733083.862      435.800
     LOCATION VOL57        VOLUME     483007.630  3733084.116      435.830
     LOCATION VOL58        VOLUME     483007.496  3733028.075      435.870
     LOCATION VOL59        VOLUME     483054.949  3733027.948      435.960
     LOCATION VOL60        VOLUME     483055.083  3733083.989      435.890
     LOCATION VOL61        VOLUME     483102.457  3733084.022      436.000
     LOCATION VOL62        VOLUME     483102.323  3733027.981      436.080
     LOCATION VOL63        VOLUME     483151.292  3733027.600      436.140
     LOCATION VOL64        VOLUME     483151.426  3733083.640      436.070
     LOCATION VOL65        VOLUME     483199.640  3733083.894      436.190
     LOCATION VOL66        VOLUME     483199.506  3733027.854      436.230
     LOCATION VOL67        VOLUME     483246.958  3733027.727      436.430
     LOCATION VOL68        VOLUME     483247.092  3733083.767      436.340
     LOCATION PAREA1       AREAPOLY   482883.604  3733470.380      435.250
** Source Parameters **
     SRCPARAM VOL1         0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL2         0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL3         0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL4         0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL5         0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL6         0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL7         0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL8         0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL9         0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL10        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL11        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL12        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL13        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL14        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL15        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL16        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL17        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL18        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL19        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL20        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL21        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL22        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL23        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL24        0.0005706069     5.000    12.977     1.400
     SRCPARAM VOL25        0.0005706069     5.000    12.977     1.400
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   SRCPARAM VOL26        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL27        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL28        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL29        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL30        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL31        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL32        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL33        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL34        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL35        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL36        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL37        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL38        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL39        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL40        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL41        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL42        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL43        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL44        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL45        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL46        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL47        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL48        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL49        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL50        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL51        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL52        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL53        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL54        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL55        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL56        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL57        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL58        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL59        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL60        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL61        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL62        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL63        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL64        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL65        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL66        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL67        0.0005706069     5.000    12.977     1.400
   SRCPARAM VOL68        0.0005706069     5.000    12.977     1.400
   SRCPARAM PAREA1       6.9052E-07     0.000         6     1.000
   AREAVERT PAREA1       482883.604 3733470.380 483083.110 3733468.023
   AREAVERT PAREA1       483082.325 3733421.681 483273.976 3733419.325
   AREAVERT PAREA1       483276.333 3733000.676 482882.033 3733001.462
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL12        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL13        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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396      EMISFACT VOL15        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
397      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
398   ** Saturday:
399      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
400      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
401      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
402      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
403   ** Sunday:
404      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
405      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
406      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
407      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
408   ** WeekDays:
409      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
410      EMISFACT VOL16        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
411      EMISFACT VOL16        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
412      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
413   ** Saturday:
414      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
415      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
416      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
417      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
418   ** Sunday:
419      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
420      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
421      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
422      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
423   ** WeekDays:
424      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
425      EMISFACT VOL17        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
426      EMISFACT VOL17        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
427      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
428   ** Saturday:
429      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
430      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
431      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
432      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
433   ** Sunday:
434      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
435      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
436      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
437      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
438   ** WeekDays:
439      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
440      EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
441      EMISFACT VOL18        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
442      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
443   ** Saturday:
444      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
445      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
446      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
447      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
448   ** Sunday:
449      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
450      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
451      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
452      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
453   ** WeekDays:
454      EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
455      EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
456      EMISFACT VOL19        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
457      EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
458   ** Saturday:
459      EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
460      EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
461      EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL27        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL28        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL29        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL32        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL33        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL34        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL37        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL38        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL39        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL40        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL41        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL42        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL43        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL44        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL45        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL49        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL50        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL51        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL52        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL53        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL54        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL55        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL56        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL57        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL58        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL59        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL60        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL61        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL62        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL68        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "16568-02 Const PM10.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE ..\PERI_V11_trimmed.sfc
   PROFFILE ..\PERI_V11_trimmed.PFL
   SURFDATA 3171 2016
   UAIRDATA 3190 2016
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "16568-02 CONST PM10.AD\24H1GALL.PLT" 31
```

```
   SUMMFILE "16568-02 Const PM10.sum"
OU FINISHED


 *** Message Summary For AERMOD Model Setup ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of            0 Informational Message(s)


  ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


  ********   WARNING MESSAGES   ********
ME W186    1242       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
used           0.50
ME W187    1242       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

***********************************
*** SETUP Finishes Successfully ***
***********************************

FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
*** AERMET - VERSION  22112 ***
***                                                                  ***
15:10:34

                              PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for    69 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: PM_10

**Model Calculates  1 Short Term Average(s) of:  24-HR

**This Run Includes:     69 Source(s);       1 Source Group(s); and      26 Receptor(s)
```

```
                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     68 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
          Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
                                                                 Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef.
    =    0.000     ;  Rot. Angle =     0.0
                    Emission Units = GRAMS/SEC                                ;  Emission
                    Rate Unit Factor =   0.10000E+07
                    Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:
 aermod.inp

 **Output Print File:
 aermod.out


 **Detailed Error/Message File:   16568-02 Const
 PM10.err
 **File for Summary of Results:   16568-02 Const
 PM10.sum
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 15:10:34

                              PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
               INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
   SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

```

```
1361    VOL1            0   0.57061E-03  482910.1 3733440.9   435.4     5.00    12.98
        1.40     YES   HRDOW            NO
1362    VOL2            0   0.57061E-03  482959.1 3733440.6   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1363    VOL3            0   0.57061E-03  483007.3 3733440.8   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1364    VOL4            0   0.57061E-03  483054.8 3733440.7   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1365    VOL5            0   0.57061E-03  482910.1 3733391.2   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1366    VOL6            0   0.57061E-03  482959.1 3733390.8   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1367    VOL7            0   0.57061E-03  483007.3 3733391.1   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1368    VOL8            0   0.57061E-03  483054.7 3733390.9   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1369    VOL9            0   0.57061E-03  483102.1 3733391.0   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1370    VOL10           0   0.57061E-03  483151.1 3733390.6   436.2     5.00    12.98
        1.40     YES   HRDOW            NO
1371    VOL11           0   0.57061E-03  483199.3 3733390.8   436.4     5.00    12.98
        1.40     YES   HRDOW            NO
1372    VOL12           0   0.57061E-03  483246.7 3733390.7   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1373    VOL13           0   0.57061E-03  482910.0 3733335.1   435.4     5.00    12.98
        1.40     YES   HRDOW            NO
1374    VOL14           0   0.57061E-03  482958.9 3733334.8   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1375    VOL15           0   0.57061E-03  483007.1 3733335.0   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1376    VOL16           0   0.57061E-03  483054.6 3733334.9   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1377    VOL17           0   0.57061E-03  483102.0 3733334.9   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1378    VOL18           0   0.57061E-03  483150.9 3733334.5   436.1     5.00    12.98
        1.40     YES   HRDOW            NO
1379    VOL19           0   0.57061E-03  483199.2 3733334.8   436.2     5.00    12.98
        1.40     YES   HRDOW            NO
1380    VOL20           0   0.57061E-03  483246.6 3733334.7   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1381    VOL21           0   0.57061E-03  482909.8 3733279.1   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1382    VOL22           0   0.57061E-03  482909.7 3733223.0   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1383    VOL23           0   0.57061E-03  482958.7 3733222.7   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1384    VOL24           0   0.57061E-03  482958.8 3733278.7   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1385    VOL25           0   0.57061E-03  483007.0 3733279.0   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1386    VOL26           0   0.57061E-03  483006.9 3733222.9   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1387    VOL27           0   0.57061E-03  483054.3 3733222.8   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1388    VOL28           0   0.57061E-03  483054.5 3733278.8   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1389    VOL29           0   0.57061E-03  483101.8 3733278.9   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1390    VOL30           0   0.57061E-03  483101.7 3733222.8   436.4     5.00    12.98
        1.40     YES   HRDOW            NO
1391    VOL31           0   0.57061E-03  483150.7 3733222.4   437.5     5.00    12.98
        1.40     YES   HRDOW            NO
1392    VOL32           0   0.57061E-03  483150.8 3733278.5   436.6     5.00    12.98
        1.40     YES   HRDOW            NO
1393    VOL33           0   0.57061E-03  483199.0 3733278.7   436.7     5.00    12.98
        1.40     YES   HRDOW            NO
```

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VOL34            0   0.57061E-03  483198.9 3733222.7   436.8     5.00    12.98
1.40     YES   HRDOW            NO
VOL35            0   0.57061E-03  483246.3 3733222.6   436.8     5.00    12.98
1.40     YES   HRDOW            NO
VOL36            0   0.57061E-03  483246.5 3733278.6   436.8     5.00    12.98
1.40     YES   HRDOW            NO
VOL37            0   0.57061E-03  482909.8 3733166.7   435.5     5.00    12.98
1.40     YES   HRDOW            NO
VOL38            0   0.57061E-03  482909.7 3733110.6   435.7     5.00    12.98
1.40     YES   HRDOW            NO
VOL39            0   0.57061E-03  482958.7 3733110.3   435.8     5.00    12.98
1.40     YES   HRDOW            NO
VOL40            0   0.57061E-03  482958.8 3733166.3   435.7     5.00    12.98
1.40     YES   HRDOW            NO
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 15:10:34

                              PAGE   3
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

                NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                INIT.   URBAN  EMISSION RATE   AIRCRAFT
  SOURCE        PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
  SZ     SOURCE  SCALAR VARY
    ID          CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

VOL41            0   0.57061E-03  483007.0 3733166.6   435.8     5.00    12.98
1.40     YES   HRDOW            NO
VOL42            0   0.57061E-03  483006.9 3733110.5   435.8     5.00    12.98
1.40     YES   HRDOW            NO
VOL43            0   0.57061E-03  483054.3 3733110.4   435.9     5.00    12.98
1.40     YES   HRDOW            NO
VOL44            0   0.57061E-03  483054.5 3733166.4   436.0     5.00    12.98
1.40     YES   HRDOW            NO
VOL45            0   0.57061E-03  483101.8 3733166.5   436.3     5.00    12.98
1.40     YES   HRDOW            NO
VOL46            0   0.57061E-03  483101.7 3733110.4   435.9     5.00    12.98
1.40     YES   HRDOW            NO
VOL47            0   0.57061E-03  483150.7 3733110.0   436.1     5.00    12.98
1.40     YES   HRDOW            NO
VOL48            0   0.57061E-03  483150.8 3733166.1   436.5     5.00    12.98
1.40     YES   HRDOW            NO
VOL49            0   0.57061E-03  483199.0 3733166.3   436.3     5.00    12.98
1.40     YES   HRDOW            NO
VOL50            0   0.57061E-03  483198.9 3733110.3   436.2     5.00    12.98
1.40     YES   HRDOW            NO
VOL51            0   0.57061E-03  483246.3 3733110.2   436.3     5.00    12.98
1.40     YES   HRDOW            NO
VOL52            0   0.57061E-03  483246.5 3733166.2   436.3     5.00    12.98
1.40     YES   HRDOW            NO
VOL53            0   0.57061E-03  482910.4 3733084.2   435.7     5.00    12.98
1.40     YES   HRDOW            NO
VOL54            0   0.57061E-03  482910.3 3733028.2   435.7     5.00    12.98
1.40     YES   HRDOW            NO
VOL55            0   0.57061E-03  482959.3 3733027.8   435.8     5.00    12.98
1.40     YES   HRDOW            NO
VOL56            0   0.57061E-03  482959.4 3733083.9   435.8     5.00    12.98
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      1.40     YES   HRDOW            NO
1430  VOL57            0   0.57061E-03  483007.6 3733084.1   435.8     5.00    12.98
      1.40     YES   HRDOW            NO
1431  VOL58            0   0.57061E-03  483007.5 3733028.1   435.9     5.00    12.98
      1.40     YES   HRDOW            NO
1432  VOL59            0   0.57061E-03  483054.9 3733027.9   436.0     5.00    12.98
      1.40     YES   HRDOW            NO
1433  VOL60            0   0.57061E-03  483055.1 3733084.0   435.9     5.00    12.98
      1.40     YES   HRDOW            NO
1434  VOL61            0   0.57061E-03  483102.5 3733084.0   436.0     5.00    12.98
      1.40     YES   HRDOW            NO
1435  VOL62            0   0.57061E-03  483102.3 3733028.0   436.1     5.00    12.98
      1.40     YES   HRDOW            NO
1436  VOL63            0   0.57061E-03  483151.3 3733027.6   436.1     5.00    12.98
      1.40     YES   HRDOW            NO
1437  VOL64            0   0.57061E-03  483151.4 3733083.6   436.1     5.00    12.98
      1.40     YES   HRDOW            NO
1438  VOL65            0   0.57061E-03  483199.6 3733083.9   436.2     5.00    12.98
      1.40     YES   HRDOW            NO
1439  VOL66            0   0.57061E-03  483199.5 3733027.9   436.2     5.00    12.98
      1.40     YES   HRDOW            NO
1440  VOL67            0   0.57061E-03  483247.0 3733027.7   436.4     5.00    12.98
      1.40     YES   HRDOW            NO
1441  VOL68            0   0.57061E-03  483247.1 3733083.8   436.3     5.00    12.98
      1.40     YES   HRDOW            NO
1442  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1443   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       15:10:34
1444
                                  PAGE   4
1445   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1446
1447
1448                                                *** AREAPOLY SOURCE DATA ***
1449
1450                 NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER
                    INIT.   URBAN  EMISSION RATE    AIRCRAFT
1451     SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.
         SZ     SOURCE  SCALAR VARY
1452       ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
           (METERS)              BY
1453   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - -
1454
1455   PAREA1           0   0.69052E-06  482883.6 3733470.4   435.2     0.00       6
       1.00     YES   HRDOW            NO
1456   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1457   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       15:10:34
1458
                                  PAGE   5
1459   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1460
1461
1462                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***
1463
1464   SRCGROUP ID                                          SOURCE IDs
1465   -----------                                          ----------
1466
1467
1468    ALL        VOL1        , VOL2        , VOL3        , VOL4        , VOL5        ,
       VOL6        , VOL7        , VOL8        ,
```

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1469
1470                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                    VOL14       , VOL15       , VOL16       ,
1471
1472                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                    VOL22       , VOL23       , VOL24       ,
1473
1474                VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                    VOL30       , VOL31       , VOL32       ,
1475
1476                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                    VOL38       , VOL39       , VOL40       ,
1477
1478                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                    VOL46       , VOL47       , VOL48       ,
1479
1480                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                    VOL54       , VOL55       , VOL56       ,
1481
1482                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                    VOL62       , VOL63       , VOL64       ,
1483
1484                VOL65       , VOL66       , VOL67       , VOL68       , PAREA1      ,
1485   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1486    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        15:10:34
1487
                                  PAGE   6
1488    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1489
1490
1491                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***
1492
1493     URBAN ID   URBAN POP                                  SOURCE IDs
1494     --------   ---------                                  ----------
1495
1496
1497                 2492442.   VOL1        , VOL2        , VOL3        , VOL4        ,
                    VOL5        , VOL6        , VOL7        ,
1498    VOL8        ,
1499
1500                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                    VOL14       , VOL15       , VOL16       ,
1501
1502                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                    VOL22       , VOL23       , VOL24       ,
1503
1504                VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                    VOL30       , VOL31       , VOL32       ,
1505
1506                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                    VOL38       , VOL39       , VOL40       ,
1507
1508                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                    VOL46       , VOL47       , VOL48       ,
1509
1510                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                    VOL54       , VOL55       , VOL56       ,
1511
1512                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                    VOL62       , VOL63       , VOL64       ,
1513
1514                VOL65       , VOL66       , VOL67       , VOL68       , PAREA1      ,
1515   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 15:10:34

                                PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL3         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 15:10:34

                                PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

```
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 15:10:34

                              PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL5          ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 15:10:34

                              PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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```
1630                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1631
1632    SOURCE ID = VOL6         ; SOURCE TYPE = VOLUME   :
1633     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1634    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1635                                                DAY OF WEEK = WEEKDAY
1636       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1637       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1638      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1639                                                DAY OF WEEK = SATURDAY
1640       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1641       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1642      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1643                                                DAY OF WEEK = SUNDAY
1644       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1645       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1646      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1647    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1648     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         15:10:34
1649
                                  PAGE  13
1650    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1651
1652                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1653
1654    SOURCE ID = VOL7         ; SOURCE TYPE = VOLUME   :
1655     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1656    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1657                                                DAY OF WEEK = WEEKDAY
1658       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1659       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1660      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1661                                                DAY OF WEEK = SATURDAY
1662       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1663       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1664      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1665                                                DAY OF WEEK = SUNDAY
1666       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1667       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1668      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

```
1707      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1708     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1709                                              DAY OF WEEK = SUNDAY
1710      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1711      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1712     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1713  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1714   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       15:10:34
1715
                                  PAGE  16
1716   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1717
1718                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1719
1720   SOURCE ID = VOL10        ; SOURCE TYPE = VOLUME   :
1721    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1722   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
1723                                              DAY OF WEEK = WEEKDAY
1724      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
1725      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
1726     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1727                                              DAY OF WEEK = SATURDAY
1728      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1729      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1730     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1731                                              DAY OF WEEK = SUNDAY
1732      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1733      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1734     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1735  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1736   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       15:10:34
1737
                                  PAGE  17
1738   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1739
1740                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1741
1742   SOURCE ID = VOL11        ; SOURCE TYPE = VOLUME   :
1743    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1744   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
```

```
                                           DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                           DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                           DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                 ***
 15:10:34

                              PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL12        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                           DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                           DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                           DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                 ***
 15:10:34

                              PAGE  19
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1782    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1783
1784                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1785
1786    SOURCE ID = VOL13        ; SOURCE TYPE = VOLUME   :
1787     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1788    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1789                                                DAY OF WEEK = WEEKDAY
1790       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1791       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1792      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1793                                                DAY OF WEEK = SATURDAY
1794       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1795       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1796      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1797                                                DAY OF WEEK = SUNDAY
1798       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1799       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1800      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1801    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1802     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         15:10:34
1803
                                    PAGE  20
1804    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1805
1806                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1807
1808    SOURCE ID = VOL14        ; SOURCE TYPE = VOLUME   :
1809     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1810    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1811                                                DAY OF WEEK = WEEKDAY
1812       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1813       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1814      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1815                                                DAY OF WEEK = SATURDAY
1816       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1817       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1818      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1819                                                DAY OF WEEK = SUNDAY
1820       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1821       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
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      .0000E+00   15  .0000E+00   16  .0000E+00
1822    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1823  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1824   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       15:10:34
1825
                                  PAGE  21
1826   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1827
1828                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1829
1830   SOURCE ID = VOL15        ; SOURCE TYPE = VOLUME   :
1831    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1832   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
1833                                                DAY OF WEEK = WEEKDAY
1834      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
1835      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
1836    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
1837                                                DAY OF WEEK = SATURDAY
1838      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
1839      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
1840    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
1841                                                DAY OF WEEK = SUNDAY
1842      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
1843      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
1844    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
1845  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1846   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       15:10:34
1847
                                  PAGE  22
1848   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1849
1850                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1851
1852   SOURCE ID = VOL16        ; SOURCE TYPE = VOLUME   :
1853    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1854   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
1855                                                DAY OF WEEK = WEEKDAY
1856      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
1857      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
1858    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
1859                                                DAY OF WEEK = SATURDAY
```

1860 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
1861 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
1862 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
1863 DAY OF WEEK = SUNDAY
1864 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
1865 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
1866 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
1867 FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25
1868 *** AERMET - VERSION 22112 *** *** *** 15:10:34
1869
PAGE 23
1870 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
1871
1872 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
1873
1874 SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
1875 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
1876 -
1877 DAY OF WEEK = WEEKDAY
1878 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
1879 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
1880 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
1881 DAY OF WEEK = SATURDAY
1882 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
1883 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
1884 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
1885 DAY OF WEEK = SUNDAY
1886 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
1887 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
1888 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
1889 FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25
1890 *** AERMET - VERSION 22112 *** *** *** 15:10:34
1891
PAGE 24
1892 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*
1893
1894 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
1895
1896 SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :
1897 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***                                                                          ***        15:10:34

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***                                                                          ***        15:10:34
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

15:10:34

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	

```
      .0000E+00    7  .0000E+00    8  .0000E+00
1975     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
1976    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1977 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1978  *** AERMET - VERSION  22112 ***
      ***                                                                    ***
      15:10:34
1979
                                PAGE  28
1980  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1981
1982                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1983
1984  SOURCE ID = VOL22        ; SOURCE TYPE = VOLUME   :
1985   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1986  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
1987                                            DAY OF WEEK = WEEKDAY
1988     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
1989     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
1990    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1991                                            DAY OF WEEK = SATURDAY
1992     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
1993     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
1994    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1995                                            DAY OF WEEK = SUNDAY
1996     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
1997     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
1998    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1999 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2000  *** AERMET - VERSION  22112 ***
      ***                                                                    ***
      15:10:34
2001
                                PAGE  29
2002  *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2003
2004                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
2005
2006  SOURCE ID = VOL23        ; SOURCE TYPE = VOLUME   :
2007   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2008  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
2009                                            DAY OF WEEK = WEEKDAY
2010     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
2011     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
2012    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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                              PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL24        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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                              PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL25        ; SOURCE TYPE = VOLUME   :
```

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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                              PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL26        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

```
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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                              PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL29        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 15:10:34

                              PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
        .1000E+01   15  .0000E+00   16  .0000E+00
2166      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
2167                                            DAY OF WEEK = SATURDAY
2168       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .0000E+00    8  .0000E+00
2169       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
2170      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
2171                                            DAY OF WEEK = SUNDAY
2172       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .0000E+00    8  .0000E+00
2173       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
2174      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
2175  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2176   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       15:10:34
2177
                                  PAGE  37
2178   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2179
2180                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2181
2182   SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
2183    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2184   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2185                                            DAY OF WEEK = WEEKDAY
2186       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .1000E+01    8  .1000E+01
2187       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
        .1000E+01   15  .0000E+00   16  .0000E+00
2188      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
2189                                            DAY OF WEEK = SATURDAY
2190       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .0000E+00    8  .0000E+00
2191       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
2192      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
2193                                            DAY OF WEEK = SUNDAY
2194       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .0000E+00    8  .0000E+00
2195       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
2196      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
2197  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2198   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       15:10:34
2199
                                  PAGE  38
2200   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2201
2202                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
```

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2203
2204   SOURCE ID = VOL32        ; SOURCE TYPE = VOLUME   :
2205    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
        SCALAR   HOUR   SCALAR   HOUR   SCALAR
2206   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - - -
2207                                                DAY OF WEEK = WEEKDAY
2208      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2209      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2210     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2211                                                DAY OF WEEK = SATURDAY
2212      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2213      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2214     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2215                                                DAY OF WEEK = SUNDAY
2216      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2217      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2218     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2219   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2220    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        15:10:34
2221
                                  PAGE  39
2222    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2223
2224                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2225
2226    SOURCE ID = VOL33        ; SOURCE TYPE = VOLUME   :
2227     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2228   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - - -
2229                                                DAY OF WEEK = WEEKDAY
2230      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2231      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2232     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2233                                                DAY OF WEEK = SATURDAY
2234      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2235      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2236     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2237                                                DAY OF WEEK = SUNDAY
2238      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2239      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2240     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2241   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

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2280      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2281                                              DAY OF WEEK = SUNDAY
2282       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2283       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2284      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2285  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2286   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       15:10:34
2287
                                  PAGE  42
2288   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2289
2290                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2291
2292   SOURCE ID = VOL36        ; SOURCE TYPE = VOLUME   :
2293    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2294   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2295                                              DAY OF WEEK = WEEKDAY
2296       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2297       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2298      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2299                                              DAY OF WEEK = SATURDAY
2300       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2301       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2302      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2303                                              DAY OF WEEK = SUNDAY
2304       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2305       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2306      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2307  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2308   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       15:10:34
2309
                                  PAGE  43
2310   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2311
2312                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2313
2314   SOURCE ID = VOL37        ; SOURCE TYPE = VOLUME   :
2315    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2316   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2317                                              DAY OF WEEK = WEEKDAY
2318       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

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      .0000E+00    7  .1000E+01    8  .1000E+01
2319   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
2320  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2321                                          DAY OF WEEK = SATURDAY
2322   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2323   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2324  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2325                                          DAY OF WEEK = SUNDAY
2326   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2327   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2328  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2329  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2330   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       15:10:34
2331
                                PAGE  44
2332   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2333
2334                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2335
2336   SOURCE ID = VOL38        ; SOURCE TYPE = VOLUME   :
2337    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2338   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
2339                                          DAY OF WEEK = WEEKDAY
2340     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
2341   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
2342  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2343                                          DAY OF WEEK = SATURDAY
2344   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2345   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2346  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2347                                          DAY OF WEEK = SUNDAY
2348   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2349   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2350  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2351  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2352   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       15:10:34
2353
                                PAGE  45
2354   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2355
```

```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL39        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                         DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                         DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                         DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                ***
 15:10:34

                                 PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL40        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                         DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                         DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                         DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

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2433       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2434      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2435                                              DAY OF WEEK = SUNDAY
2436       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2437       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2438      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2439   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2440    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        15:10:34
2441
                                   PAGE  49
2442    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2443
2444                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2445
2446    SOURCE ID = VOL43        ; SOURCE TYPE = VOLUME   :
2447     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2448    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2449                                              DAY OF WEEK = WEEKDAY
2450       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2451       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2452      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2453                                              DAY OF WEEK = SATURDAY
2454       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2455       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2456      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2457                                              DAY OF WEEK = SUNDAY
2458       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2459       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2460      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2461   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2462    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        15:10:34
2463
                                   PAGE  50
2464    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2465
2466                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2467
2468    SOURCE ID = VOL44        ; SOURCE TYPE = VOLUME   :
2469     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2470    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
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                                                  DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                              ***
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                              PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL45        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                              ***
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL46        ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                            ***
 15:10:34

                                PAGE  53
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL47        ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
```

```
 .0000E+00   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                 ***
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                              PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL48        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                 ***
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                              PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL49        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
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2586       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2587       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2588      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2589                                                DAY OF WEEK = SUNDAY
2590       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2591       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2592      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2593    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2594     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
         15:10:34
2595
                                    PAGE  56
2596     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2597
2598                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
2599
2600     SOURCE ID = VOL50        ; SOURCE TYPE = VOLUME   :
2601      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
2602     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
2603                                                DAY OF WEEK = WEEKDAY
2604       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2605       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2606      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2607                                                DAY OF WEEK = SATURDAY
2608       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2609       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2610      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2611                                                DAY OF WEEK = SUNDAY
2612       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2613       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2614      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2615    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2616     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
         15:10:34
2617
                                    PAGE  57
2618     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2619
2620                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
2621
2622     SOURCE ID = VOL51        ; SOURCE TYPE = VOLUME   :
2623      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
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                                PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL52        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
 15:10:34
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

15:10:34

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

```
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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                              PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL57        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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                              PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL58        ; SOURCE TYPE = VOLUME   :
```

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                ***
 15:10:34

                                PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL59        ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

```
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***                                                                                          ***                                                                  15:10:34

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL62        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***                                                                                          ***                                                                  15:10:34

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL63        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
          .1000E+01   15  .0000E+00   16  .0000E+00
2892       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2893                                              DAY OF WEEK = SATURDAY
2894        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2895        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2896       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2897                                              DAY OF WEEK = SUNDAY
2898        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2899        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2900       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2901   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2902    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
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2903
                                  PAGE  70
2904    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2905
2906                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2907
2908    SOURCE ID = VOL64         ; SOURCE TYPE = VOLUME   :
2909     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2910    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2911                                              DAY OF WEEK = WEEKDAY
2912        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2913        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2914       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2915                                              DAY OF WEEK = SATURDAY
2916        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2917        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2918       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2919                                              DAY OF WEEK = SUNDAY
2920        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2921        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2922       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2923   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2924    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
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2925
                                  PAGE  71
2926    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2927
2928                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
```

```
2929
2930   SOURCE ID = VOL65        ; SOURCE TYPE = VOLUME   :
2931    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
        SCALAR   HOUR   SCALAR   HOUR   SCALAR
2932   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2933                                                DAY OF WEEK = WEEKDAY
2934      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2935      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2936     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2937                                                DAY OF WEEK = SATURDAY
2938      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2939      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2940     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2941                                                DAY OF WEEK = SUNDAY
2942      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2943      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2944     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2945   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2946    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        15:10:34
2947
                                  PAGE  72
2948    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2949
2950                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2951
2952    SOURCE ID = VOL66        ; SOURCE TYPE = VOLUME   :
2953    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
        SCALAR   HOUR   SCALAR   HOUR   SCALAR
2954   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2955                                                DAY OF WEEK = WEEKDAY
2956      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2957      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2958     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2959                                                DAY OF WEEK = SATURDAY
2960      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2961      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2962     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2963                                                DAY OF WEEK = SUNDAY
2964      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2965      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2966     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2967   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
3006      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3007                                              DAY OF WEEK = SUNDAY
3008       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3009       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3010      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3011   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3012    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        15:10:34
3013
                                    PAGE  75
3014    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
3015
3016                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
3017
3018    SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
3019     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
3020    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
3021                                              DAY OF WEEK = WEEKDAY
3022       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
3023       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
3024      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3025                                              DAY OF WEEK = SATURDAY
3026       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3027       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3028      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3029                                              DAY OF WEEK = SUNDAY
3030       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3031       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3032      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3033   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3034    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        15:10:34
3035
                                    PAGE  76
3036    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
3037
3038                                            *** DISCRETE CARTESIAN RECEPTORS ***
3039                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
3040                                                       (METERS)
3041
3042          ( 483094.1, 3733555.8,     436.2,     436.2,       2.0);         ( 483302.2,
             3733579.2,     437.1,     437.1,       2.0);
3043          ( 483075.7, 3732849.8,     436.4,     436.4,       2.0);         ( 482867.4,
             3732844.3,     436.2,     436.2,       2.0);
3044          ( 483195.1, 3733503.4,     436.8,     436.8,       2.0);         ( 483154.5,
             3733554.2,     436.4,     436.4,       2.0);
```

```
3045        ( 483244.8, 3733552.8,     436.8,     436.8,       2.0);         ( 483175.0,
            3733572.0,     436.5,     436.5,       2.0);
3046        ( 483199.2, 3733572.8,     436.6,     436.6,       2.0);         ( 483176.8,
            3733587.4,     436.5,     436.5,       2.0);
3047        ( 483300.9, 3733610.1,     437.2,     437.2,       2.0);         ( 483364.9,
            3733616.6,     437.0,     437.0,       2.0);
3048        ( 483306.8, 3733710.6,     436.7,     436.7,       2.0);         ( 483365.8,
            3733685.7,     437.0,     437.0,       2.0);
3049        ( 483489.0, 3733628.9,     437.4,     437.4,       2.0);         ( 484157.2,
            3733885.8,     442.1,     442.1,       2.0);
3050        ( 483716.3, 3733023.0,     438.2,     438.2,       2.0);         ( 483726.5,
            3732835.3,     438.0,     438.0,       2.0);
3051        ( 483628.0, 3732848.9,     437.6,     437.6,       2.0);         ( 483310.6,
            3732784.0,     437.3,     437.3,       2.0);
3052        ( 482988.5, 3732811.0,     436.1,     436.1,       2.0);         ( 482965.3,
            3732850.8,     436.0,     436.0,       2.0);
3053        ( 482822.1, 3732840.0,     436.6,     436.6,       2.0);         ( 482867.9,
            3732831.2,     436.2,     436.2,       2.0);
3054        ( 482933.9, 3733606.2,     435.5,     435.5,       2.0);         ( 482853.7,
            3733596.1,     436.1,     436.1,       2.0);
3055    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3056     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         15:10:34
3057
                                    PAGE  77
3058     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
3059
3060                                              *** METEOROLOGICAL DAYS SELECTED FOR
                                                  PROCESSING ***
3061                                                          (1=YES; 0=NO)
3062
3063              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3064              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3065              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3066              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3067              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3068              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3069              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3070              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
3071
3072                 NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT
                     IS INCLUDED IN THE DATA FILE.
3073
3074
3075
3076                                    *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
                                        CATEGORIES ***
3077                                                  (METERS/SEC)
3078
3079                                                 1.54,   3.09,   5.14,   8.23,  10.80,
3080    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3081     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         15:10:34
3082
                                    PAGE  78
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
..\PERI_V11_trimmed.sfc
Met Version: 22112
Profile file:
..\PERI_V11_trimmed.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2016 Year: 2016

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35	1.03	41.	11.6	289.9	5.4
16	01	01	1	17	-13.7	0.171	-9.000	-9.000	-999.	169.	32.1	0.04	0.53	0.63	2.63	59.	11.6	287.2	5.4
16	01	01	1	18	-17.5	0.186	-9.000	-9.000	-999.	193.	38.2	0.04	0.53	1.00	2.86	43.	11.6	284.7	5.4
16	01	01	1	19	-18.1	0.193	-9.000	-9.000	-999.	204.	41.1	0.06	0.53	1.00	2.70	15.	11.6	283.9	5.4
16	01	01	1	20	-11.3	0.151	-9.000	-9.000	-999.	141.	26.4	0.06	0.53	1.00	2.15	10.	11.6	283.3	5.4

```
   16 01 01   1 21   -4.4  0.094 -9.000 -9.000 -999.   69.     16.1  0.06   0.53   1.00
   1.35   17.   11.6  283.0    5.4
   16 01 01   1 22   -3.0  0.077 -9.000 -9.000 -999.   52.     13.5  0.04   0.53   1.00
   1.16   36.   11.6  282.6    5.4
   16 01 01   1 23   -2.4  0.074 -9.000 -9.000 -999.   48.     14.3  0.06   0.53   1.00
   0.95  360.   11.6  281.7    5.4
   16 01 01   1 24   -1.7  0.068 -9.000 -9.000 -999.   43.     15.7  0.06   0.53   1.00
   0.74  334.   11.6  280.6    5.4


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 16 01 01 01    5.4 0 -999.  -99.00   279.8   99.0  -99.00  -99.00
 16 01 01 01   11.6 1  342.    3.11  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 15:10:34

                              PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES
                              FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2        ,
                                  VOL3        , VOL4        , VOL5        ,
                  VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
                  VOL11       , VOL12       , VOL13       ,
                  VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
                  VOL19       , VOL20       , VOL21       ,
                  VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
                  VOL27       , VOL28       ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN
                                     MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
      Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
        483094.15   3733555.79        1.83313  (17010224)               483302.16
        3733579.24        1.15150  (20011724)
        483075.66   3732849.84        1.21484  (17010324)               482867.38
        3732844.32        1.11087  (17010324)
        483195.12   3733503.38        1.77602  (17010224)               483154.46
        3733554.20        1.55446  (17010224)
        483244.78   3733552.84        1.32209  (20011724)               483174.96
        3733571.99        1.30820  (17010224)
        483199.20   3733572.84        1.24604  (20011724)               483176.83
        3733587.41        1.20057  (17010224)
        483300.88   3733610.12        1.05971  (20011724)               483364.94
        3733616.56        0.92922  (20011724)
        483306.81   3733710.62        0.82846  (20011724)               483365.79
        3733685.70        0.83375  (20011724)
        483488.99   3733628.93        0.76430  (18010824)               484157.21
        3733885.83        0.25175  (18092524)
        483716.28   3733023.00        0.53025  (17122824)               483726.49
        3732835.33        0.62952  (17122824)
        483627.97   3732848.86        0.69634  (17122824)               483310.58
        3732784.00        0.97457  (20122424)
        482988.51   3732811.05        1.11830  (17010324)               482965.33
```

```
          3732850.79        1.28691  (17010324)
          482822.09   3732840.02        0.99477  (19123024)                482867.90
          3732831.19        1.07564  (17010324)
          482933.91   3733606.17        1.64037  (17010224)                482853.70
          3733596.13        1.27869  (19011624)
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 15:10:34

                              PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS
                                          ***


                                    ** CONC OF PM_10    IN
                                    MICROGRAMS/M**3                          **


                                                      DATE

                                                        NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)              RECEPTOR  (XR,
YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       1.83313  ON 17010224: AT (  483094.15,
3733555.79,   436.22,   436.22,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 15:10:34

                              PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of           36 Warning Message(s)
 A Total of          598 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          227 Calm Hours Identified

 A Total of          371 Missing Hours Identified (  0.85 Percent)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***
```

```
3205       ********   WARNING MESSAGES   ********
3206     ME W186    1242       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
         used           0.50
3207     ME W187    1242       MEOPEN: ADJ_U* Option for Stable Low Winds used in
         AERMET
3208     CN W732    1752         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2016031324
3209     CN W732    1776         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2016031424
3210     CN W732    6216         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2016091524
3211     CN W732    9960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2017021824
3212     CN W732   11736         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2017050324
3213     CN W732   19152         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018030824
3214     CN W732   21192         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060124
3215     CN W732   21216         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060224
3216     CN W732   21240         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060324
3217     CN W732   21264         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060424
3218     CN W732   21288         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060524
3219     CN W732   21312         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060624
3220     CN W732   27960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2019031024
3221     CN W732   31632         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2019081024
3222     CN W732   36816         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020031324
3223     CN W732   36840         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020031424
3224     CN W732   36864         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020031524
3225     CN W732   36888         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020031624
3226     CN W732   37296         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020040224
3227     CN W732   37320         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020040324
3228     CN W732   37416         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020040724
3229     CN W732   37728         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020042024
3230     CN W732   41808         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020100724
3231     CN W732   41880         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020101024
3232     CN W732   42672         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020111224
3233     CN W732   42816         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020111824
3234     CN W732   42864         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020112024
3235     CN W732   42888         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020112124
3236     CN W732   42912         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020112224
3237     CN W732   42936         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020112324
3238     CN W732   42960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
```

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      2020112424
3239  CN W732   42984         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020112524
3240  CN W732   43464         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020121524
3241  CN W732   43608         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020122124
3242
3243     ************************************
3244     *** AERMOD Finishes Successfully ***
3245     ************************************
3246
3247
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 8/13/2025
** File: C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Const PM25\16568-02 Const
PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568-
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2492442 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "16568-02 Const PM25.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     482910.140  3733440.950      435.380
   LOCATION VOL2         VOLUME     482959.109  3733440.568      435.530
   LOCATION VOL3         VOLUME     483007.323  3733440.822      435.690
   LOCATION VOL4         VOLUME     483054.775  3733440.695      435.800
   LOCATION VOL5         VOLUME     482910.102  3733391.190      435.480
   LOCATION VOL6         VOLUME     482959.070  3733390.808      435.470
   LOCATION VOL7         VOLUME     483007.284  3733391.062      435.570
   LOCATION VOL8         VOLUME     483054.737  3733390.935      435.620
   LOCATION VOL9         VOLUME     483102.111  3733390.969      435.990
   LOCATION VOL10        VOLUME     483151.080  3733390.587      436.190
   LOCATION VOL11        VOLUME     483199.293  3733390.841      436.390
   LOCATION VOL12        VOLUME     483246.746  3733390.714      436.520
   LOCATION VOL13        VOLUME     482909.968  3733335.149      435.380
   LOCATION VOL14        VOLUME     482958.936  3733334.768      435.560
   LOCATION VOL15        VOLUME     483007.150  3733335.022      435.630
   LOCATION VOL16        VOLUME     483054.603  3733334.895      435.830
   LOCATION VOL17        VOLUME     483101.977  3733334.928      435.970
   LOCATION VOL18        VOLUME     483150.946  3733334.546      436.060
   LOCATION VOL19        VOLUME     483199.159  3733334.800      436.180
   LOCATION VOL20        VOLUME     483246.612  3733334.673      436.460
   LOCATION VOL21        VOLUME     482909.828  3733279.079      435.550
   LOCATION VOL22        VOLUME     482909.694  3733223.038      435.510
   LOCATION VOL23        VOLUME     482958.663  3733222.656      435.740
   LOCATION VOL24        VOLUME     482958.797  3733278.697      435.670
   LOCATION VOL25        VOLUME     483007.011  3733278.951      435.720
   LOCATION VOL26        VOLUME     483006.877  3733222.910      436.030
   LOCATION VOL27        VOLUME     483054.329  3733222.783      436.000
   LOCATION VOL28        VOLUME     483054.463  3733278.824      435.790
   LOCATION VOL29        VOLUME     483101.837  3733278.857      436.460
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     LOCATION VOL30        VOLUME     483101.703  3733222.817      436.360
     LOCATION VOL31        VOLUME     483150.672  3733222.435      437.520
     LOCATION VOL32        VOLUME     483150.806  3733278.476      436.570
     LOCATION VOL33        VOLUME     483199.020  3733278.729      436.730
     LOCATION VOL34        VOLUME     483198.886  3733222.689      436.790
     LOCATION VOL35        VOLUME     483246.338  3733222.562      436.840
     LOCATION VOL36        VOLUME     483246.472  3733278.602      436.770
     LOCATION VOL37        VOLUME     482909.828  3733166.682      435.500
     LOCATION VOL38        VOLUME     482909.694  3733110.641      435.670
     LOCATION VOL39        VOLUME     482958.663  3733110.260      435.760
     LOCATION VOL40        VOLUME     482958.797  3733166.300      435.660
     LOCATION VOL41        VOLUME     483007.011  3733166.554      435.800
     LOCATION VOL42        VOLUME     483006.877  3733110.513      435.800
     LOCATION VOL43        VOLUME     483054.329  3733110.386      435.900
     LOCATION VOL44        VOLUME     483054.463  3733166.427      436.040
     LOCATION VOL45        VOLUME     483101.837  3733166.460      436.330
     LOCATION VOL46        VOLUME     483101.703  3733110.420      435.950
     LOCATION VOL47        VOLUME     483150.672  3733110.038      436.050
     LOCATION VOL48        VOLUME     483150.806  3733166.079      436.460
     LOCATION VOL49        VOLUME     483199.020  3733166.332      436.340
     LOCATION VOL50        VOLUME     483198.886  3733110.292      436.160
     LOCATION VOL51        VOLUME     483246.338  3733110.165      436.320
     LOCATION VOL52        VOLUME     483246.472  3733166.205      436.320
     LOCATION VOL53        VOLUME     482910.448  3733084.243      435.710
     LOCATION VOL54        VOLUME     482910.314  3733028.203      435.700
     LOCATION VOL55        VOLUME     482959.283  3733027.821      435.790
     LOCATION VOL56        VOLUME     482959.417  3733083.862      435.800
     LOCATION VOL57        VOLUME     483007.630  3733084.116      435.830
     LOCATION VOL58        VOLUME     483007.496  3733028.075      435.870
     LOCATION VOL59        VOLUME     483054.949  3733027.948      435.960
     LOCATION VOL60        VOLUME     483055.083  3733083.989      435.890
     LOCATION VOL61        VOLUME     483102.457  3733084.022      436.000
     LOCATION VOL62        VOLUME     483102.323  3733027.981      436.080
     LOCATION VOL63        VOLUME     483151.292  3733027.600      436.140
     LOCATION VOL64        VOLUME     483151.426  3733083.640      436.070
     LOCATION VOL65        VOLUME     483199.640  3733083.894      436.190
     LOCATION VOL66        VOLUME     483199.506  3733027.854      436.230
     LOCATION VOL67        VOLUME     483246.958  3733027.727      436.430
     LOCATION VOL68        VOLUME     483247.092  3733083.767      436.340
     LOCATION PAREA1       AREAPOLY   482883.604  3733470.380      435.250
** Source Parameters **
     SRCPARAM VOL1         0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL2         0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL3         0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL4         0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL5         0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL6         0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL7         0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL8         0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL9         0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL10        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL11        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL12        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL13        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL14        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL15        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL16        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL17        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL18        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL19        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL20        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL21        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL22        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL23        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL24        0.0005249583     5.000    12.977     1.400
     SRCPARAM VOL25        0.0005249583     5.000    12.977     1.400
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   SRCPARAM VOL26        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL27        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL28        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL29        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL30        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL31        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL32        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL33        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL34        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL35        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL36        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL37        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL38        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL39        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL40        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL41        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL42        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL43        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL44        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL45        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL46        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL47        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL48        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL49        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL50        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL51        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL52        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL53        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL54        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL55        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL56        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL57        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL58        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL59        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL60        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL61        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL62        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL63        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL64        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL65        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL66        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL67        0.0005249583     5.000    12.977     1.400
   SRCPARAM VOL68        0.0005249583     5.000    12.977     1.400
   SRCPARAM PAREA1       3.2454E-07     0.000         6     1.000
   AREAVERT PAREA1       482883.604 3733470.380 483083.110 3733468.023
   AREAVERT PAREA1       483082.325 3733421.681 483273.976 3733419.325
   AREAVERT PAREA1       483276.333 3733000.676 482882.033 3733001.462
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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** WeekDays:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL12        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL13        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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396      EMISFACT VOL15        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
397      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
398   ** Saturday:
399      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
400      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
401      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
402      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
403   ** Sunday:
404      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
405      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
406      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
407      EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
408   ** WeekDays:
409      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
410      EMISFACT VOL16        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
411      EMISFACT VOL16        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
412      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
413   ** Saturday:
414      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
415      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
416      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
417      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
418   ** Sunday:
419      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
420      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
421      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
422      EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
423   ** WeekDays:
424      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
425      EMISFACT VOL17        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
426      EMISFACT VOL17        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
427      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
428   ** Saturday:
429      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
430      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
431      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
432      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
433   ** Sunday:
434      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
435      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
436      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
437      EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
438   ** WeekDays:
439      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
440      EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
441      EMISFACT VOL18        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
442      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
443   ** Saturday:
444      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
445      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
446      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
447      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
448   ** Sunday:
449      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
450      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
451      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
452      EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
453   ** WeekDays:
454      EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
455      EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
456      EMISFACT VOL19        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
457      EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
458   ** Saturday:
459      EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
460      EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
461      EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL27        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL28        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL29        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL32        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL33        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL34        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL37        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL38        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL39        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL40        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL41        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL42        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL43        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL44        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL45        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL49        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL50        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL51        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL52        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL53        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL54        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL55        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL56        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL57        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL58        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL59        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL60        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL61        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL62        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL64        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL68        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "16568-02 Const PM25.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\PERI_V11_trimmed.sfc
   PROFFILE ..\PERI_V11_trimmed.PFL
   SURFDATA 3171 2016
   UAIRDATA 3190 2016
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "16568-02 CONST PM25.AD\24H1GALL.PLT" 31
```

```
   SUMMFILE "16568-02 Const PM25.sum"
OU FINISHED


 *** Message Summary For AERMOD Model Setup ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of            0 Informational Message(s)


  ******** FATAL ERROR MESSAGES ********
             ***  NONE  ***


  ********   WARNING MESSAGES   ********
ME W186    1242       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
used           0.50
ME W187    1242       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

***********************************
*** SETUP Finishes Successfully ***
***********************************

FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
*** AERMET - VERSION  22112 ***
***                                                                  ***
17:04:35

                              PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for    69 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: PM_2.5

**Model Calculates  1 Short Term Average(s) of:  24-HR

**This Run Includes:     69 Source(s);       1 Source Group(s); and      26 Receptor(s)
```

```
                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     68 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
          Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
                                                                 Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef.
    =    0.000     ;  Rot. Angle =     0.0
                    Emission Units = GRAMS/SEC                                ;  Emission
                    Rate Unit Factor =   0.10000E+07
                    Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:
 aermod.inp

 **Output Print File:
 aermod.out


 **Detailed Error/Message File:   16568-02 Const
 PM25.err
 **File for Summary of Results:   16568-02 Const
 PM25.sum
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 17:04:35

                              PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
               INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
   SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

```

```
1361    VOL1            0   0.52496E-03  482910.1 3733440.9   435.4     5.00    12.98
        1.40     YES   HRDOW            NO
1362    VOL2            0   0.52496E-03  482959.1 3733440.6   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1363    VOL3            0   0.52496E-03  483007.3 3733440.8   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1364    VOL4            0   0.52496E-03  483054.8 3733440.7   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1365    VOL5            0   0.52496E-03  482910.1 3733391.2   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1366    VOL6            0   0.52496E-03  482959.1 3733390.8   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1367    VOL7            0   0.52496E-03  483007.3 3733391.1   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1368    VOL8            0   0.52496E-03  483054.7 3733390.9   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1369    VOL9            0   0.52496E-03  483102.1 3733391.0   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1370    VOL10           0   0.52496E-03  483151.1 3733390.6   436.2     5.00    12.98
        1.40     YES   HRDOW            NO
1371    VOL11           0   0.52496E-03  483199.3 3733390.8   436.4     5.00    12.98
        1.40     YES   HRDOW            NO
1372    VOL12           0   0.52496E-03  483246.7 3733390.7   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1373    VOL13           0   0.52496E-03  482910.0 3733335.1   435.4     5.00    12.98
        1.40     YES   HRDOW            NO
1374    VOL14           0   0.52496E-03  482958.9 3733334.8   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1375    VOL15           0   0.52496E-03  483007.1 3733335.0   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1376    VOL16           0   0.52496E-03  483054.6 3733334.9   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1377    VOL17           0   0.52496E-03  483102.0 3733334.9   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1378    VOL18           0   0.52496E-03  483150.9 3733334.5   436.1     5.00    12.98
        1.40     YES   HRDOW            NO
1379    VOL19           0   0.52496E-03  483199.2 3733334.8   436.2     5.00    12.98
        1.40     YES   HRDOW            NO
1380    VOL20           0   0.52496E-03  483246.6 3733334.7   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1381    VOL21           0   0.52496E-03  482909.8 3733279.1   435.6     5.00    12.98
        1.40     YES   HRDOW            NO
1382    VOL22           0   0.52496E-03  482909.7 3733223.0   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1383    VOL23           0   0.52496E-03  482958.7 3733222.7   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1384    VOL24           0   0.52496E-03  482958.8 3733278.7   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1385    VOL25           0   0.52496E-03  483007.0 3733279.0   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1386    VOL26           0   0.52496E-03  483006.9 3733222.9   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1387    VOL27           0   0.52496E-03  483054.3 3733222.8   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1388    VOL28           0   0.52496E-03  483054.5 3733278.8   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1389    VOL29           0   0.52496E-03  483101.8 3733278.9   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1390    VOL30           0   0.52496E-03  483101.7 3733222.8   436.4     5.00    12.98
        1.40     YES   HRDOW            NO
1391    VOL31           0   0.52496E-03  483150.7 3733222.4   437.5     5.00    12.98
        1.40     YES   HRDOW            NO
1392    VOL32           0   0.52496E-03  483150.8 3733278.5   436.6     5.00    12.98
        1.40     YES   HRDOW            NO
1393    VOL33           0   0.52496E-03  483199.0 3733278.7   436.7     5.00    12.98
        1.40     YES   HRDOW            NO
```

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1394    VOL34            0   0.52496E-03  483198.9 3733222.7   436.8     5.00    12.98
        1.40     YES   HRDOW            NO
1395    VOL35            0   0.52496E-03  483246.3 3733222.6   436.8     5.00    12.98
        1.40     YES   HRDOW            NO
1396    VOL36            0   0.52496E-03  483246.5 3733278.6   436.8     5.00    12.98
        1.40     YES   HRDOW            NO
1397    VOL37            0   0.52496E-03  482909.8 3733166.7   435.5     5.00    12.98
        1.40     YES   HRDOW            NO
1398    VOL38            0   0.52496E-03  482909.7 3733110.6   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1399    VOL39            0   0.52496E-03  482958.7 3733110.3   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1400    VOL40            0   0.52496E-03  482958.8 3733166.3   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1401    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1402     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         17:04:35
1403
                                    PAGE   3
1404     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1405
1406
1407                                                    *** VOLUME SOURCE DATA ***
1408
1409                  NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                      INIT.   URBAN  EMISSION RATE   AIRCRAFT
1410       SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
           SZ     SOURCE  SCALAR VARY
1411         ID          CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
             (METERS)              BY
1412    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - -
1413
1414    VOL41            0   0.52496E-03  483007.0 3733166.6   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1415    VOL42            0   0.52496E-03  483006.9 3733110.5   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1416    VOL43            0   0.52496E-03  483054.3 3733110.4   435.9     5.00    12.98
        1.40     YES   HRDOW            NO
1417    VOL44            0   0.52496E-03  483054.5 3733166.4   436.0     5.00    12.98
        1.40     YES   HRDOW            NO
1418    VOL45            0   0.52496E-03  483101.8 3733166.5   436.3     5.00    12.98
        1.40     YES   HRDOW            NO
1419    VOL46            0   0.52496E-03  483101.7 3733110.4   435.9     5.00    12.98
        1.40     YES   HRDOW            NO
1420    VOL47            0   0.52496E-03  483150.7 3733110.0   436.1     5.00    12.98
        1.40     YES   HRDOW            NO
1421    VOL48            0   0.52496E-03  483150.8 3733166.1   436.5     5.00    12.98
        1.40     YES   HRDOW            NO
1422    VOL49            0   0.52496E-03  483199.0 3733166.3   436.3     5.00    12.98
        1.40     YES   HRDOW            NO
1423    VOL50            0   0.52496E-03  483198.9 3733110.3   436.2     5.00    12.98
        1.40     YES   HRDOW            NO
1424    VOL51            0   0.52496E-03  483246.3 3733110.2   436.3     5.00    12.98
        1.40     YES   HRDOW            NO
1425    VOL52            0   0.52496E-03  483246.5 3733166.2   436.3     5.00    12.98
        1.40     YES   HRDOW            NO
1426    VOL53            0   0.52496E-03  482910.4 3733084.2   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1427    VOL54            0   0.52496E-03  482910.3 3733028.2   435.7     5.00    12.98
        1.40     YES   HRDOW            NO
1428    VOL55            0   0.52496E-03  482959.3 3733027.8   435.8     5.00    12.98
        1.40     YES   HRDOW            NO
1429    VOL56            0   0.52496E-03  482959.4 3733083.9   435.8     5.00    12.98
```

```
      1.40     YES   HRDOW            NO
1430  VOL57           0   0.52496E-03  483007.6 3733084.1   435.8     5.00    12.98
      1.40     YES   HRDOW            NO
1431  VOL58           0   0.52496E-03  483007.5 3733028.1   435.9     5.00    12.98
      1.40     YES   HRDOW            NO
1432  VOL59           0   0.52496E-03  483054.9 3733027.9   436.0     5.00    12.98
      1.40     YES   HRDOW            NO
1433  VOL60           0   0.52496E-03  483055.1 3733084.0   435.9     5.00    12.98
      1.40     YES   HRDOW            NO
1434  VOL61           0   0.52496E-03  483102.5 3733084.0   436.0     5.00    12.98
      1.40     YES   HRDOW            NO
1435  VOL62           0   0.52496E-03  483102.3 3733028.0   436.1     5.00    12.98
      1.40     YES   HRDOW            NO
1436  VOL63           0   0.52496E-03  483151.3 3733027.6   436.1     5.00    12.98
      1.40     YES   HRDOW            NO
1437  VOL64           0   0.52496E-03  483151.4 3733083.6   436.1     5.00    12.98
      1.40     YES   HRDOW            NO
1438  VOL65           0   0.52496E-03  483199.6 3733083.9   436.2     5.00    12.98
      1.40     YES   HRDOW            NO
1439  VOL66           0   0.52496E-03  483199.5 3733027.9   436.2     5.00    12.98
      1.40     YES   HRDOW            NO
1440  VOL67           0   0.52496E-03  483247.0 3733027.7   436.4     5.00    12.98
      1.40     YES   HRDOW            NO
1441  VOL68           0   0.52496E-03  483247.1 3733083.8   436.3     5.00    12.98
      1.40     YES   HRDOW            NO
1442  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1443   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       17:04:35
1444
                                  PAGE   4
1445   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1446
1447
1448                                                *** AREAPOLY SOURCE DATA ***
1449
1450                 NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER
                    INIT.   URBAN  EMISSION RATE    AIRCRAFT
1451     SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.
         SZ     SOURCE  SCALAR VARY
1452       ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
           (METERS)              BY
1453   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - -
1454
1455   PAREA1          0   0.32454E-06  482883.6 3733470.4   435.2     0.00       6
       1.00     YES   HRDOW            NO
1456   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1457   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       17:04:35
1458
                                  PAGE   5
1459   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1460
1461
1462                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***
1463
1464   SRCGROUP ID                                          SOURCE IDs
1465   -----------                                          ----------
1466
1467
1468    ALL        VOL1        , VOL2        , VOL3        , VOL4        , VOL5        ,
       VOL6        , VOL7        , VOL8        ,
```

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1469
1470                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                    VOL14       , VOL15       , VOL16       ,
1471
1472                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                    VOL22       , VOL23       , VOL24       ,
1473
1474                VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                    VOL30       , VOL31       , VOL32       ,
1475
1476                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                    VOL38       , VOL39       , VOL40       ,
1477
1478                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                    VOL46       , VOL47       , VOL48       ,
1479
1480                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                    VOL54       , VOL55       , VOL56       ,
1481
1482                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                    VOL62       , VOL63       , VOL64       ,
1483
1484                VOL65       , VOL66       , VOL67       , VOL68       , PAREA1      ,
1485   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
        *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        17:04:35
1487
                                  PAGE   6
1488    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1489
1490
1491                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***
1492
1493     URBAN ID   URBAN POP                                  SOURCE IDs
1494     --------   ---------                                  ----------
1495
1496
1497                 2492442.   VOL1        , VOL2        , VOL3        , VOL4        ,
                    VOL5        , VOL6        , VOL7        ,
1498    VOL8        ,
1499
1500                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                    VOL14       , VOL15       , VOL16       ,
1501
1502                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                    VOL22       , VOL23       , VOL24       ,
1503
1504                VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                    VOL30       , VOL31       , VOL32       ,
1505
1506                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                    VOL38       , VOL39       , VOL40       ,
1507
1508                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                    VOL46       , VOL47       , VOL48       ,
1509
1510                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                    VOL54       , VOL55       , VOL56       ,
1511
1512                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                    VOL62       , VOL63       , VOL64       ,
1513
1514                VOL65       , VOL66       , VOL67       , VOL68       , PAREA1      ,
1515   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

```
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL3         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

```
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL5          ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                    WEEK (HRDOW) *

 SOURCE ID = VOL6         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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                              PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                    WEEK (HRDOW) *

 SOURCE ID = VOL7         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
1707      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1708     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1709                                              DAY OF WEEK = SUNDAY
1710      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1711      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1712     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1713  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1714   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       17:04:35
1715
                                  PAGE  16
1716   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1717
1718                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1719
1720   SOURCE ID = VOL10        ; SOURCE TYPE = VOLUME   :
1721    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1722   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
1723                                              DAY OF WEEK = WEEKDAY
1724      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
1725      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
1726     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1727                                              DAY OF WEEK = SATURDAY
1728      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1729      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1730     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1731                                              DAY OF WEEK = SUNDAY
1732      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
1733      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
1734     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1735  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1736   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       17:04:35
1737
                                  PAGE  17
1738   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1739
1740                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1741
1742   SOURCE ID = VOL11        ; SOURCE TYPE = VOLUME   :
1743    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1744   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
```

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                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 17:04:35

                               PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = VOL12        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 17:04:35

                               PAGE  19
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1782    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1783
1784                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1785
1786    SOURCE ID = VOL13        ; SOURCE TYPE = VOLUME   :
1787     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1788    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1789                                                DAY OF WEEK = WEEKDAY
1790       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1791       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1792      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1793                                                DAY OF WEEK = SATURDAY
1794       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1795       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1796      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1797                                                DAY OF WEEK = SUNDAY
1798       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1799       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1800      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1801    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1802     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         17:04:35
1803
                                    PAGE  20
1804    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1805
1806                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
1807
1808    SOURCE ID = VOL14        ; SOURCE TYPE = VOLUME   :
1809     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
1810    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1811                                                DAY OF WEEK = WEEKDAY
1812       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
1813       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
1814      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1815                                                DAY OF WEEK = SATURDAY
1816       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1817       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
1818      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
1819                                                DAY OF WEEK = SUNDAY
1820       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
1821       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
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      .0000E+00   15  .0000E+00   16  .0000E+00
1822    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
1823  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1824   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       17:04:35
1825
                                  PAGE  21
1826   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1827
1828                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1829
1830   SOURCE ID = VOL15        ; SOURCE TYPE = VOLUME   :
1831    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1832   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
1833                                                DAY OF WEEK = WEEKDAY
1834      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
1835      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
1836     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
1837                                                DAY OF WEEK = SATURDAY
1838      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
1839      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
1840     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
1841                                                DAY OF WEEK = SUNDAY
1842      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
1843      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
1844     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
1845  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
1846   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       17:04:35
1847
                                  PAGE  22
1848   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
1849
1850                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
1851
1852   SOURCE ID = VOL16        ; SOURCE TYPE = VOLUME   :
1853    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
1854   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
1855                                                DAY OF WEEK = WEEKDAY
1856      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
1857      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
1858     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
1859                                                DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
 17:04:35

                             PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = VOL17        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
 17:04:35

                             PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = VOL18        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                        ***
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                                  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                        ***
 17:04:35
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

```
    .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SATURDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SUNDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                       ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL24        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .1000E+01    8  .1000E+01
     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
     .1000E+01   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SATURDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SUNDAY
     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
     .0000E+00    7  .0000E+00    8  .0000E+00
     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
     .0000E+00   15  .0000E+00   16  .0000E+00
    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
    .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                       ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL25        ; SOURCE TYPE = VOLUME   :
```

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 17:04:35

                              PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL26        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

```
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 17:04:35

                              PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL29        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 17:04:35

                              PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
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      .1000E+01   15  .0000E+00   16  .0000E+00
2166    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2167                                          DAY OF WEEK = SATURDAY
2168     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2169     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2170    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2171                                          DAY OF WEEK = SUNDAY
2172     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2173     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2174    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2175  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2176   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       17:04:35
2177
                                PAGE  37
2178   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2179
2180                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2181
2182   SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
2183    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2184   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
2185                                          DAY OF WEEK = WEEKDAY
2186     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
2187     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
2188    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2189                                          DAY OF WEEK = SATURDAY
2190     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2191     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2192    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2193                                          DAY OF WEEK = SUNDAY
2194     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
2195     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
2196    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
2197  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2198   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       17:04:35
2199
                                PAGE  38
2200   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2201
2202                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
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2203
2204   SOURCE ID = VOL32        ; SOURCE TYPE = VOLUME   :
2205    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
        SCALAR   HOUR   SCALAR   HOUR   SCALAR
2206   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - - -
2207                                                DAY OF WEEK = WEEKDAY
2208      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2209      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2210     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2211                                                DAY OF WEEK = SATURDAY
2212      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2213      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2214     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2215                                                DAY OF WEEK = SUNDAY
2216      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2217      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2218     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2219   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2220    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        17:04:35
2221
                                  PAGE  39
2222    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2223
2224                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2225
2226    SOURCE ID = VOL33        ; SOURCE TYPE = VOLUME   :
2227     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2228   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - - -
2229                                                DAY OF WEEK = WEEKDAY
2230      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2231      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2232     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2233                                                DAY OF WEEK = SATURDAY
2234      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2235      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2236     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2237                                                DAY OF WEEK = SUNDAY
2238      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2239      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2240     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2241   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

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2280      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2281                                              DAY OF WEEK = SUNDAY
2282       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2283       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2284      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2285  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2286   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       17:04:35
2287
                                  PAGE  42
2288   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2289
2290                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2291
2292   SOURCE ID = VOL36        ; SOURCE TYPE = VOLUME   :
2293    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2294   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2295                                              DAY OF WEEK = WEEKDAY
2296       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2297       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2298      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2299                                              DAY OF WEEK = SATURDAY
2300       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2301       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2302      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2303                                              DAY OF WEEK = SUNDAY
2304       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2305       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2306      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2307  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2308   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       17:04:35
2309
                                  PAGE  43
2310   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2311
2312                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2313
2314   SOURCE ID = VOL37        ; SOURCE TYPE = VOLUME   :
2315    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2316   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2317                                              DAY OF WEEK = WEEKDAY
2318       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

.0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25
*** AERMET - VERSION 22112 ***
*** ***
17:04:35

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25
*** AERMET - VERSION 22112 ***
*** ***
17:04:35

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL39        ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***    ***                                                                    ***        17:04:35

                                 PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL40        ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

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2433       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2434      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2435                                              DAY OF WEEK = SUNDAY
2436       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2437       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2438      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2439  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2440   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       17:04:35
2441
                                  PAGE  49
2442   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2443
2444                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2445
2446   SOURCE ID = VOL43        ; SOURCE TYPE = VOLUME   :
2447    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2448   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2449                                              DAY OF WEEK = WEEKDAY
2450       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2451       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2452      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2453                                              DAY OF WEEK = SATURDAY
2454       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2455       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2456      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2457                                              DAY OF WEEK = SUNDAY
2458       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2459       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2460      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2461  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2462   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       17:04:35
2463
                                  PAGE  50
2464   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2465
2466                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
2467
2468   SOURCE ID = VOL44        ; SOURCE TYPE = VOLUME   :
2469    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
2470   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
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                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                            ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL45        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                            ***
 17:04:35

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2508    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2509
2510                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2511
2512    SOURCE ID = VOL46        ; SOURCE TYPE = VOLUME   :
2513     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2514    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2515                                                DAY OF WEEK = WEEKDAY
2516       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2517       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2518      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2519                                                DAY OF WEEK = SATURDAY
2520       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2521       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2522      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2523                                                DAY OF WEEK = SUNDAY
2524       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2525       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2526      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2527    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2528     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         17:04:35
2529
                                    PAGE  53
2530    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2531
2532                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2533
2534    SOURCE ID = VOL47        ; SOURCE TYPE = VOLUME   :
2535     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2536    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2537                                                DAY OF WEEK = WEEKDAY
2538       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2539       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2540      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2541                                                DAY OF WEEK = SATURDAY
2542       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2543       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2544      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2545                                                DAY OF WEEK = SUNDAY
2546       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2547       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															

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2586       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2587       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2588      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2589                                                DAY OF WEEK = SUNDAY
2590       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2591       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2592      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2593    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2594     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
         17:04:35
2595
                                    PAGE  56
2596     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2597
2598                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
2599
2600     SOURCE ID = VOL50        ; SOURCE TYPE = VOLUME   :
2601      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
2602     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
2603                                                DAY OF WEEK = WEEKDAY
2604       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2605       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2606      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2607                                                DAY OF WEEK = SATURDAY
2608       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2609       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2610      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2611                                                DAY OF WEEK = SUNDAY
2612       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2613       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2614      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2615    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2616     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
         17:04:35
2617
                                    PAGE  57
2618     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2619
2620                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
2621
2622     SOURCE ID = VOL51        ; SOURCE TYPE = VOLUME   :
2623      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***   ***                                                                          ***        17:04:35

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL52        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***   ***                                                                          ***        17:04:35
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

17:04:35

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL57        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
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                            PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL58        ; SOURCE TYPE = VOLUME   :
```

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                             ***
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                                PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL59        ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

```
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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                              PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL62        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 17:04:35

                              PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL63        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

```
          .1000E+01   15  .0000E+00   16  .0000E+00
2892       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2893                                              DAY OF WEEK = SATURDAY
2894        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2895        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2896       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2897                                              DAY OF WEEK = SUNDAY
2898        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2899        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2900       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2901   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2902    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        17:04:35
2903
                                  PAGE  70
2904    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2905
2906                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2907
2908    SOURCE ID = VOL64         ; SOURCE TYPE = VOLUME   :
2909     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2910    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
2911                                              DAY OF WEEK = WEEKDAY
2912        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
2913        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
2914       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2915                                              DAY OF WEEK = SATURDAY
2916        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2917        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2918       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2919                                              DAY OF WEEK = SUNDAY
2920        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
2921        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
2922       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2923   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2924    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        17:04:35
2925
                                  PAGE  71
2926    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2927
2928                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
```

```
2929
2930    SOURCE ID = VOL65        ; SOURCE TYPE = VOLUME   :
2931     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2932    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2933                                                DAY OF WEEK = WEEKDAY
2934       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2935       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2936      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2937                                                DAY OF WEEK = SATURDAY
2938       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2939       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2940      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2941                                                DAY OF WEEK = SUNDAY
2942       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2943       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2944      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2945    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
2946     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         17:04:35
2947
                                    PAGE  72
2948    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
2949
2950                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
2951
2952    SOURCE ID = VOL66        ; SOURCE TYPE = VOLUME   :
2953     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
2954    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
2955                                                DAY OF WEEK = WEEKDAY
2956       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
2957       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
2958      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2959                                                DAY OF WEEK = SATURDAY
2960       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2961       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2962      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2963                                                DAY OF WEEK = SUNDAY
2964       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2965       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2966      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
2967    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00				

```
3006      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3007                                              DAY OF WEEK = SUNDAY
3008       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3009       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3010      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3011   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3012    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        17:04:35
3013
                                    PAGE  75
3014    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
3015
3016                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
3017
3018    SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
3019     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
3020    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
3021                                              DAY OF WEEK = WEEKDAY
3022       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
3023       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
3024      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3025                                              DAY OF WEEK = SATURDAY
3026       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3027       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3028      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3029                                              DAY OF WEEK = SUNDAY
3030       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3031       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3032      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3033   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3034    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        17:04:35
3035
                                    PAGE  76
3036    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
3037
3038                                          *** DISCRETE CARTESIAN RECEPTORS ***
3039                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
3040                                                    (METERS)
3041
3042          ( 483094.1, 3733555.8,     436.2,     436.2,       2.0);         ( 483302.2,
             3733579.2,     437.1,     437.1,       2.0);
3043          ( 483075.7, 3732849.8,     436.4,     436.4,       2.0);         ( 482867.4,
             3732844.3,     436.2,     436.2,       2.0);
3044          ( 483195.1, 3733503.4,     436.8,     436.8,       2.0);         ( 483154.5,
             3733554.2,     436.4,     436.4,       2.0);
```

```
       ( 483244.8, 3733552.8,     436.8,     436.8,       2.0);         ( 483175.0, 3733572.0,     436.5,     436.5,       2.0);
       ( 483199.2, 3733572.8,     436.6,     436.6,       2.0);         ( 483176.8, 3733587.4,     436.5,     436.5,       2.0);
       ( 483300.9, 3733610.1,     437.2,     437.2,       2.0);         ( 483364.9, 3733616.6,     437.0,     437.0,       2.0);
       ( 483306.8, 3733710.6,     436.7,     436.7,       2.0);         ( 483365.8, 3733685.7,     437.0,     437.0,       2.0);
       ( 483489.0, 3733628.9,     437.4,     437.4,       2.0);         ( 484157.2, 3733885.8,     442.1,     442.1,       2.0);
       ( 483716.3, 3733023.0,     438.2,     438.2,       2.0);         ( 483726.5, 3732835.3,     438.0,     438.0,       2.0);
       ( 483628.0, 3732848.9,     437.6,     437.6,       2.0);         ( 483310.6, 3732784.0,     437.3,     437.3,       2.0);
       ( 482988.5, 3732811.0,     436.1,     436.1,       2.0);         ( 482965.3, 3732850.8,     436.0,     436.0,       2.0);
       ( 482822.1, 3732840.0,     436.6,     436.6,       2.0);         ( 482867.9, 3732831.2,     436.2,     436.2,       2.0);
       ( 482933.9, 3733606.2,     435.5,     435.5,       2.0);         ( 482853.7, 3733596.1,     436.1,     436.1,       2.0);
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                   ***
 17:04:35

                             PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.



                                 *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                           (METERS/SEC)

                                                1.54,   3.09,   5.14,   8.23,  10.80,
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                   ***
 17:04:35

                             PAGE  78
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
..\PERI_V11_trimmed.sfc
Met Version: 22112
Profile file:
..\PERI_V11_trimmed.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2016 Year: 2016

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35	1.03	41.	11.6	289.9	5.4
16	01	01	1	17	-13.7	0.171	-9.000	-9.000	-999.	169.	32.1	0.04	0.53	0.63	2.63	59.	11.6	287.2	5.4
16	01	01	1	18	-17.5	0.186	-9.000	-9.000	-999.	193.	38.2	0.04	0.53	1.00	2.86	43.	11.6	284.7	5.4
16	01	01	1	19	-18.1	0.193	-9.000	-9.000	-999.	204.	41.1	0.06	0.53	1.00	2.70	15.	11.6	283.9	5.4
16	01	01	1	20	-11.3	0.151	-9.000	-9.000	-999.	141.	26.4	0.06	0.53	1.00	2.15	10.	11.6	283.3	5.4

```
3118    16 01 01   1 21   -4.4  0.094 -9.000 -9.000 -999.   69.     16.1  0.06   0.53   1.00
        1.35   17.   11.6  283.0    5.4
3119    16 01 01   1 22   -3.0  0.077 -9.000 -9.000 -999.   52.     13.5  0.04   0.53   1.00
        1.16   36.   11.6  282.6    5.4
3120    16 01 01   1 23   -2.4  0.074 -9.000 -9.000 -999.   48.     14.3  0.06   0.53   1.00
        0.95  360.   11.6  281.7    5.4
3121    16 01 01   1 24   -1.7  0.068 -9.000 -9.000 -999.   43.     15.7  0.06   0.53   1.00
        0.74  334.   11.6  280.6    5.4
3122
3123
3124    First hour of profile data
3125    YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
3126    16 01 01 01    5.4 0 -999.  -99.00   279.8   99.0  -99.00  -99.00
3127    16 01 01 01   11.6 1  342.    3.11  -999.0   99.0  -99.00  -99.00
3128
3129    F indicates top of profile (=1) or below (=0)
3130    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3131    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        17:04:35
3132
                                    PAGE  79
3133    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
3134
3135                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES
                                    FOR SOURCE GROUP:  ALL      ***
3136                                    INCLUDING SOURCE(S):     VOL1        , VOL2        ,
                                    VOL3        , VOL4        , VOL5        ,
3137                    VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
                        VOL11       , VOL12       , VOL13       ,
3138                    VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
                        VOL19       , VOL20       , VOL21       ,
3139                    VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
                        VOL27       , VOL28       ,  . . .      ,
3140
3141                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***
3142
3143                                   ** CONC OF PM_2.5   IN
                                       MICROGRAMS/M**3                          **
3144
3145         X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
             Y-COORD (M)        CONC     (YYMMDDHH)
3146    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
3147           483094.15   3733555.79        0.96565  (17010224)               483302.16
               3733579.24        0.57458  (20011724)
3148           483075.66   3732849.84        0.63115  (16012624)               482867.38
               3732844.32        0.55457  (17010324)
3149           483195.12   3733503.38        0.94790  (17010224)               483154.46
               3733554.20        0.82113  (17010224)
3150           483244.78   3733552.84        0.66664  (20011724)               483174.96
               3733571.99        0.69336  (17010224)
3151           483199.20   3733572.84        0.63123  (20011724)               483176.83
               3733587.41        0.63658  (17010224)
3152           483300.88   3733610.12        0.52773  (20011724)               483364.94
               3733616.56        0.46066  (20011724)
3153           483306.81   3733710.62        0.41018  (20011724)               483365.79
               3733685.70        0.41147  (20011724)
3154           483488.99   3733628.93        0.37406  (18010824)               484157.21
               3733885.83        0.12175  (18010824)
3155           483716.28   3733023.00        0.26128  (17122824)               483726.49
               3732835.33        0.30588  (17122824)
3156           483627.97   3732848.86        0.33981  (17122824)               483310.58
               3732784.00        0.49796  (20122424)
3157           482988.51   3732811.05        0.56490  (17010324)               482965.33
```

```
          3732850.79        0.65193  (17010324)
          482822.09   3732840.02        0.52922  (19123024)                482867.90
          3732831.19        0.53610  (17010324)
          482933.91   3733606.17        0.84049  (17010224)                482853.70
          3733596.13        0.65024  (19011624)
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 17:04:35

                              PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS
                                          ***


                                   ** CONC OF PM_2.5   IN
                                   MICROGRAMS/M**3                          **


                                                      DATE

                                                        NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)              RECEPTOR  (XR,
YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.96565  ON 17010224: AT (  483094.15,
3733555.79,   436.22,   436.22,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 17:04:35

                              PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of           36 Warning Message(s)
 A Total of          598 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          227 Calm Hours Identified

 A Total of          371 Missing Hours Identified (  0.85 Percent)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***
```

```
3205       ********   WARNING MESSAGES   ********
3206     ME W186    1242       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
         used           0.50
3207     ME W187    1242       MEOPEN: ADJ_U* Option for Stable Low Winds used in
         AERMET
3208     CN W732    1752         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2016031324
3209     CN W732    1776         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2016031424
3210     CN W732    6216         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2016091524
3211     CN W732    9960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2017021824
3212     CN W732   11736         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2017050324
3213     CN W732   19152         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018030824
3214     CN W732   21192         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060124
3215     CN W732   21216         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060224
3216     CN W732   21240         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060324
3217     CN W732   21264         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060424
3218     CN W732   21288         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060524
3219     CN W732   21312         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2018060624
3220     CN W732   27960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2019031024
3221     CN W732   31632         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2019081024
3222     CN W732   36816         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020031324
3223     CN W732   36840         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020031424
3224     CN W732   36864         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020031524
3225     CN W732   36888         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020031624
3226     CN W732   37296         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020040224
3227     CN W732   37320         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020040324
3228     CN W732   37416         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020040724
3229     CN W732   37728         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020042024
3230     CN W732   41808         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020100724
3231     CN W732   41880         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020101024
3232     CN W732   42672         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020111224
3233     CN W732   42816         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020111824
3234     CN W732   42864         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020112024
3235     CN W732   42888         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020112124
3236     CN W732   42912         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020112224
3237     CN W732   42936         AVER: 24-hr avg, < 18 hours of data, calms policy used.
         2020112324
3238     CN W732   42960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
```

```
      2020112424
3239  CN W732   42984         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020112524
3240  CN W732   43464         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020121524
3241  CN W732   43608         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020122124
3242
3243     ************************************
3244     *** AERMOD Finishes Successfully ***
3245     ************************************
3246
3247
```

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 10/6/2025
** File: C:\Users\Michael Tirohn\Desktop\HRAs\16568 Heritage Valley\16568-04 Ops CO\16568-04 Ops CO.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568-
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 2492442 Riverside_County
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "16568-04 Ops CO.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     482910.140  3733440.950      435.390
   LOCATION VOL2         VOLUME     482959.109  3733440.568      435.560
   LOCATION VOL3         VOLUME     483007.323  3733440.822      435.720
   LOCATION VOL4         VOLUME     483054.775  3733440.695      435.830
   LOCATION VOL5         VOLUME     482910.102  3733391.190      435.460
   LOCATION VOL6         VOLUME     482959.070  3733390.808      435.500
   LOCATION VOL7         VOLUME     483007.284  3733391.062      435.600
   LOCATION VOL8         VOLUME     483054.737  3733390.935      435.710
   LOCATION VOL9         VOLUME     483102.111  3733390.969      435.980
   LOCATION VOL10        VOLUME     483151.080  3733390.587      436.300
   LOCATION VOL11        VOLUME     483199.293  3733390.841      436.390
   LOCATION VOL12        VOLUME     483246.746  3733390.714      436.500
   LOCATION VOL13        VOLUME     482909.968  3733335.149      435.440
   LOCATION VOL14        VOLUME     482958.936  3733334.768      435.580
   LOCATION VOL15        VOLUME     483007.150  3733335.022      435.640
   LOCATION VOL16        VOLUME     483054.603  3733334.895      435.800
   LOCATION VOL17        VOLUME     483101.977  3733334.928      435.950
   LOCATION VOL18        VOLUME     483150.946  3733334.546      436.050
   LOCATION VOL19        VOLUME     483199.159  3733334.800      436.220
   LOCATION VOL20        VOLUME     483246.612  3733334.673      436.460
   LOCATION VOL21        VOLUME     482909.828  3733279.079      435.510
   LOCATION VOL22        VOLUME     482909.694  3733223.038      435.430
   LOCATION VOL23        VOLUME     482958.663  3733222.656      435.680
   LOCATION VOL24        VOLUME     482958.797  3733278.697      435.710
   LOCATION VOL25        VOLUME     483007.011  3733278.951      435.830
   LOCATION VOL26        VOLUME     483006.877  3733222.910      435.850
   LOCATION VOL27        VOLUME     483054.329  3733222.783      435.970
   LOCATION VOL28        VOLUME     483054.463  3733278.824      435.990
```

```
     LOCATION VOL29        VOLUME     483101.837  3733278.857      436.300
     LOCATION VOL30        VOLUME     483101.703  3733222.817      436.370
     LOCATION VOL31        VOLUME     483150.672  3733222.435      437.040
     LOCATION VOL32        VOLUME     483150.806  3733278.476      436.450
     LOCATION VOL33        VOLUME     483199.020  3733278.729      436.610
     LOCATION VOL34        VOLUME     483198.886  3733222.689      436.840
     LOCATION VOL35        VOLUME     483246.338  3733222.562      436.760
     LOCATION VOL36        VOLUME     483246.472  3733278.602      436.770
     LOCATION VOL37        VOLUME     482909.828  3733166.682      435.430
     LOCATION VOL38        VOLUME     482909.694  3733110.641      435.550
     LOCATION VOL39        VOLUME     482958.663  3733110.260      435.740
     LOCATION VOL40        VOLUME     482958.797  3733166.300      435.660
     LOCATION VOL41        VOLUME     483007.011  3733166.554      435.850
     LOCATION VOL42        VOLUME     483006.877  3733110.513      435.790
     LOCATION VOL43        VOLUME     483054.329  3733110.386      435.910
     LOCATION VOL44        VOLUME     483054.463  3733166.427      436.030
     LOCATION VOL45        VOLUME     483101.837  3733166.460      436.310
     LOCATION VOL46        VOLUME     483101.703  3733110.420      436.000
     LOCATION VOL47        VOLUME     483150.672  3733110.038      436.080
     LOCATION VOL48        VOLUME     483150.806  3733166.079      436.710
     LOCATION VOL49        VOLUME     483199.020  3733166.332      436.570
     LOCATION VOL50        VOLUME     483198.886  3733110.292      436.180
     LOCATION VOL51        VOLUME     483246.338  3733110.165      436.350
     LOCATION VOL52        VOLUME     483246.472  3733166.205      436.530
     LOCATION VOL53        VOLUME     482910.448  3733084.243      435.600
     LOCATION VOL54        VOLUME     482910.314  3733028.203      435.660
     LOCATION VOL55        VOLUME     482959.283  3733027.821      435.800
     LOCATION VOL56        VOLUME     482959.417  3733083.862      435.780
     LOCATION VOL57        VOLUME     483007.630  3733084.116      435.820
     LOCATION VOL58        VOLUME     483007.496  3733028.075      435.880
     LOCATION VOL59        VOLUME     483054.949  3733027.948      435.950
     LOCATION VOL60        VOLUME     483055.083  3733083.989      435.900
     LOCATION VOL61        VOLUME     483102.457  3733084.022      435.990
     LOCATION VOL62        VOLUME     483102.323  3733027.981      436.060
     LOCATION VOL63        VOLUME     483151.292  3733027.600      436.130
     LOCATION VOL64        VOLUME     483151.426  3733083.640      436.070
     LOCATION VOL65        VOLUME     483199.640  3733083.894      436.180
     LOCATION VOL66        VOLUME     483199.506  3733027.854      436.240
     LOCATION VOL67        VOLUME     483246.958  3733027.727      436.440
     LOCATION VOL68        VOLUME     483247.092  3733083.767      436.350
** Source Parameters **
     SRCPARAM VOL1         0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL2         0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL3         0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL4         0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL5         0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL6         0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL7         0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL8         0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL9         0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL10        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL11        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL12        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL13        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL14        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL15        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL16        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL17        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL18        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL19        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL20        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL21        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL22        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL23        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL24        0.0037068576     5.000    12.977     1.400
     SRCPARAM VOL25        0.0037068576     5.000    12.977     1.400
```

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132      SRCPARAM VOL26        0.0037068576     5.000    12.977     1.400
133      SRCPARAM VOL27        0.0037068576     5.000    12.977     1.400
134      SRCPARAM VOL28        0.0037068576     5.000    12.977     1.400
135      SRCPARAM VOL29        0.0037068576     5.000    12.977     1.400
136      SRCPARAM VOL30        0.0037068576     5.000    12.977     1.400
137      SRCPARAM VOL31        0.0037068576     5.000    12.977     1.400
138      SRCPARAM VOL32        0.0037068576     5.000    12.977     1.400
139      SRCPARAM VOL33        0.0037068576     5.000    12.977     1.400
140      SRCPARAM VOL34        0.0037068576     5.000    12.977     1.400
141      SRCPARAM VOL35        0.0037068576     5.000    12.977     1.400
142      SRCPARAM VOL36        0.0037068576     5.000    12.977     1.400
143      SRCPARAM VOL37        0.0037068576     5.000    12.977     1.400
144      SRCPARAM VOL38        0.0037068576     5.000    12.977     1.400
145      SRCPARAM VOL39        0.0037068576     5.000    12.977     1.400
146      SRCPARAM VOL40        0.0037068576     5.000    12.977     1.400
147      SRCPARAM VOL41        0.0037068576     5.000    12.977     1.400
148      SRCPARAM VOL42        0.0037068576     5.000    12.977     1.400
149      SRCPARAM VOL43        0.0037068576     5.000    12.977     1.400
150      SRCPARAM VOL44        0.0037068576     5.000    12.977     1.400
151      SRCPARAM VOL45        0.0037068576     5.000    12.977     1.400
152      SRCPARAM VOL46        0.0037068576     5.000    12.977     1.400
153      SRCPARAM VOL47        0.0037068576     5.000    12.977     1.400
154      SRCPARAM VOL48        0.0037068576     5.000    12.977     1.400
155      SRCPARAM VOL49        0.0037068576     5.000    12.977     1.400
156      SRCPARAM VOL50        0.0037068576     5.000    12.977     1.400
157      SRCPARAM VOL51        0.0037068576     5.000    12.977     1.400
158      SRCPARAM VOL52        0.0037068576     5.000    12.977     1.400
159      SRCPARAM VOL53        0.0037068576     5.000    12.977     1.400
160      SRCPARAM VOL54        0.0037068576     5.000    12.977     1.400
161      SRCPARAM VOL55        0.0037068576     5.000    12.977     1.400
162      SRCPARAM VOL56        0.0037068576     5.000    12.977     1.400
163      SRCPARAM VOL57        0.0037068576     5.000    12.977     1.400
164      SRCPARAM VOL58        0.0037068576     5.000    12.977     1.400
165      SRCPARAM VOL59        0.0037068576     5.000    12.977     1.400
166      SRCPARAM VOL60        0.0037068576     5.000    12.977     1.400
167      SRCPARAM VOL61        0.0037068576     5.000    12.977     1.400
168      SRCPARAM VOL62        0.0037068576     5.000    12.977     1.400
169      SRCPARAM VOL63        0.0037068576     5.000    12.977     1.400
170      SRCPARAM VOL64        0.0037068576     5.000    12.977     1.400
171      SRCPARAM VOL65        0.0037068576     5.000    12.977     1.400
172      SRCPARAM VOL66        0.0037068576     5.000    12.977     1.400
173      SRCPARAM VOL67        0.0037068576     5.000    12.977     1.400
174      SRCPARAM VOL68        0.0037068576     5.000    12.977     1.400
175      URBANSRC ALL
176      SRCGROUP ALL
177   SO FINISHED
178   **
179   ****************************************
180   ** AERMOD Receptor Pathway
181   ****************************************
182   **
183   **
184   RE STARTING
185      INCLUDED "16568-04 Ops CO.rou"
186   RE FINISHED
187   **
188   ****************************************
189   ** AERMOD Meteorology Pathway
190   ****************************************
191   **
192   **
193   ME STARTING
194      SURFFILE ..\PERI_V11_trimmed.sfc
195      PROFFILE ..\PERI_V11_trimmed.PFL
196      SURFDATA 3171 2016
197      UAIRDATA 3190 2016
```

```
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "16568-04 OPS CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "16568-04 OPS CO.AD\08H1GALL.PLT" 32
   SUMMFILE "16568-04 Ops CO.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     199       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
 used           0.50
 ME W187     199       MEOPEN: ADJ_U* Option for Stable Low Winds used in
 AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 16:31:11

                              PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
```

```
257         * Use Missing Data Processing Routine.
258         * No Exponential Decay.
259         * Model Uses URBAN Dispersion Algorithm for the SBL for    68 Source(s),
260           for Total of    1 Urban Area(s):
261       Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
262         * Urban Roughness Length of 1.0 Meter Used.
263         * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
264         * CCVR_Sub - Meteorological data includes CCVR substitutions
265         * TEMP_Sub - Meteorological data includes TEMP substitutions
266         * Model Accepts FLAGPOLE Receptor . Heights.
267         * The User Specified a Pollutant Type of: CO
268
269     **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR
270
271     **This Run Includes:     68 Source(s);       1 Source Group(s); and      26 Receptor(s)
272
273                     with:      0 POINT(s), including
274                                0 POINTCAP(s) and      0 POINTHOR(s)
275                      and:     68 VOLUME source(s)
276                      and:      0 AREA type source(s)
277                      and:      0 LINE source(s)
278                      and:      0 RLINE/RLINEXT source(s)
279                      and:      0 OPENPIT source(s)
280                      and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
281                      and:      0 SWPOINT source(s)
282
283
284     **Model Set To Continue RUNning After the Setup Testing.
285
286     **The AERMET Input Meteorological Data Version Date:  22112
287
288     **Output Options Selected:
289             Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
                Keyword)
290             Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
291             Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
292
293     **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
294                                                                     m for Missing Hours
295                                                                     b for Both Calm and
                                                                        Missing Hours
296
297     **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef.
        =    0.000     ;  Rot. Angle =     0.0
298                      Emission Units = GRAMS/SEC                                ;  Emission
                         Rate Unit Factor =   0.10000E+07
299                      Output Units   = MICROGRAMS/M**3
300
301     **Approximate Storage Requirements of Model =      3.5 MB of RAM.
302
303     **Input Runstream File:
        aermod.inp

304     **Output Print File:
        aermod.out

305
306     **Detailed Error/Message File:   16568-04 Ops
        CO.err
307     **File for Summary of Results:   16568-04 Ops
        CO.sum
308     FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
309     *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        16:31:11
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER INIT. PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC)	URBAN SOURCE ID	SCALAR VARY BY	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	BASE HEIGHT (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ
VOL1	0	0.37069E-02	YES	NO	482910.1	3733440.9	435.4	5.00	12.98	1.40	
VOL2	0	0.37069E-02	YES	NO	482959.1	3733440.6	435.6	5.00	12.98	1.40	
VOL3	0	0.37069E-02	YES	NO	483007.3	3733440.8	435.7	5.00	12.98	1.40	
VOL4	0	0.37069E-02	YES	NO	483054.8	3733440.7	435.8	5.00	12.98	1.40	
VOL5	0	0.37069E-02	YES	NO	482910.1	3733391.2	435.5	5.00	12.98	1.40	
VOL6	0	0.37069E-02	YES	NO	482959.1	3733390.8	435.5	5.00	12.98	1.40	
VOL7	0	0.37069E-02	YES	NO	483007.3	3733391.1	435.6	5.00	12.98	1.40	
VOL8	0	0.37069E-02	YES	NO	483054.7	3733390.9	435.7	5.00	12.98	1.40	
VOL9	0	0.37069E-02	YES	NO	483102.1	3733391.0	436.0	5.00	12.98	1.40	
VOL10	0	0.37069E-02	YES	NO	483151.1	3733390.6	436.3	5.00	12.98	1.40	
VOL11	0	0.37069E-02	YES	NO	483199.3	3733390.8	436.4	5.00	12.98	1.40	
VOL12	0	0.37069E-02	YES	NO	483246.7	3733390.7	436.5	5.00	12.98	1.40	
VOL13	0	0.37069E-02	YES	NO	482910.0	3733335.1	435.4	5.00	12.98	1.40	
VOL14	0	0.37069E-02	YES	NO	482958.9	3733334.8	435.6	5.00	12.98	1.40	
VOL15	0	0.37069E-02	YES	NO	483007.1	3733335.0	435.6	5.00	12.98	1.40	
VOL16	0	0.37069E-02	YES	NO	483054.6	3733334.9	435.8	5.00	12.98	1.40	
VOL17	0	0.37069E-02	YES	NO	483102.0	3733334.9	435.9	5.00	12.98	1.40	
VOL18	0	0.37069E-02	YES	NO	483150.9	3733334.5	436.1	5.00	12.98	1.40	
VOL19	0	0.37069E-02	YES	NO	483199.2	3733334.8	436.2	5.00	12.98	1.40	
VOL20	0	0.37069E-02	YES	NO	483246.6	3733334.7	436.5	5.00	12.98	1.40	
VOL21	0	0.37069E-02	YES	NO	482909.8	3733279.1	435.5	5.00	12.98	1.40	
VOL22	0	0.37069E-02	YES	NO	482909.7	3733223.0	435.4	5.00	12.98	1.40	
VOL23	0	0.37069E-02	YES	NO	482958.7	3733222.7	435.7	5.00	12.98	1.40	
VOL24	0	0.37069E-02	YES	NO	482958.8	3733278.7	435.7	5.00	12.98	1.40	
VOL25	0	0.37069E-02	YES	NO	483007.0	3733279.0	435.8	5.00	12.98	1.40	

```
346    VOL26            0   0.37069E-02  483006.9 3733222.9   435.9     5.00    12.98
       1.40     YES                   NO
347    VOL27            0   0.37069E-02  483054.3 3733222.8   436.0     5.00    12.98
       1.40     YES                   NO
348    VOL28            0   0.37069E-02  483054.5 3733278.8   436.0     5.00    12.98
       1.40     YES                   NO
349    VOL29            0   0.37069E-02  483101.8 3733278.9   436.3     5.00    12.98
       1.40     YES                   NO
350    VOL30            0   0.37069E-02  483101.7 3733222.8   436.4     5.00    12.98
       1.40     YES                   NO
351    VOL31            0   0.37069E-02  483150.7 3733222.4   437.0     5.00    12.98
       1.40     YES                   NO
352    VOL32            0   0.37069E-02  483150.8 3733278.5   436.4     5.00    12.98
       1.40     YES                   NO
353    VOL33            0   0.37069E-02  483199.0 3733278.7   436.6     5.00    12.98
       1.40     YES                   NO
354    VOL34            0   0.37069E-02  483198.9 3733222.7   436.8     5.00    12.98
       1.40     YES                   NO
355    VOL35            0   0.37069E-02  483246.3 3733222.6   436.8     5.00    12.98
       1.40     YES                   NO
356    VOL36            0   0.37069E-02  483246.5 3733278.6   436.8     5.00    12.98
       1.40     YES                   NO
357    VOL37            0   0.37069E-02  482909.8 3733166.7   435.4     5.00    12.98
       1.40     YES                   NO
358    VOL38            0   0.37069E-02  482909.7 3733110.6   435.6     5.00    12.98
       1.40     YES                   NO
359    VOL39            0   0.37069E-02  482958.7 3733110.3   435.7     5.00    12.98
       1.40     YES                   NO
360    VOL40            0   0.37069E-02  482958.8 3733166.3   435.7     5.00    12.98
       1.40     YES                   NO
361    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
362     *** AERMET - VERSION  22112 ***
        ***                                                                ***
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363
                                    PAGE   3
364     *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
365
366
367                                                  *** VOLUME SOURCE DATA ***
368
369                  NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                     INIT.   URBAN  EMISSION RATE   AIRCRAFT
370       SOURCE      PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
          SZ     SOURCE  SCALAR VARY
371         ID          CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
            (METERS)              BY
372    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
373
374    VOL41            0   0.37069E-02  483007.0 3733166.6   435.9     5.00    12.98
       1.40     YES                   NO
375    VOL42            0   0.37069E-02  483006.9 3733110.5   435.8     5.00    12.98
       1.40     YES                   NO
376    VOL43            0   0.37069E-02  483054.3 3733110.4   435.9     5.00    12.98
       1.40     YES                   NO
377    VOL44            0   0.37069E-02  483054.5 3733166.4   436.0     5.00    12.98
       1.40     YES                   NO
378    VOL45            0   0.37069E-02  483101.8 3733166.5   436.3     5.00    12.98
       1.40     YES                   NO
379    VOL46            0   0.37069E-02  483101.7 3733110.4   436.0     5.00    12.98
       1.40     YES                   NO
380    VOL47            0   0.37069E-02  483150.7 3733110.0   436.1     5.00    12.98
       1.40     YES                   NO
381    VOL48            0   0.37069E-02  483150.8 3733166.1   436.7     5.00    12.98
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      1.40     YES                    NO
382   VOL49            0   0.37069E-02  483199.0 3733166.3   436.6     5.00    12.98
      1.40     YES                    NO
383   VOL50            0   0.37069E-02  483198.9 3733110.3   436.2     5.00    12.98
      1.40     YES                    NO
384   VOL51            0   0.37069E-02  483246.3 3733110.2   436.4     5.00    12.98
      1.40     YES                    NO
385   VOL52            0   0.37069E-02  483246.5 3733166.2   436.5     5.00    12.98
      1.40     YES                    NO
386   VOL53            0   0.37069E-02  482910.4 3733084.2   435.6     5.00    12.98
      1.40     YES                    NO
387   VOL54            0   0.37069E-02  482910.3 3733028.2   435.7     5.00    12.98
      1.40     YES                    NO
388   VOL55            0   0.37069E-02  482959.3 3733027.8   435.8     5.00    12.98
      1.40     YES                    NO
389   VOL56            0   0.37069E-02  482959.4 3733083.9   435.8     5.00    12.98
      1.40     YES                    NO
390   VOL57            0   0.37069E-02  483007.6 3733084.1   435.8     5.00    12.98
      1.40     YES                    NO
391   VOL58            0   0.37069E-02  483007.5 3733028.1   435.9     5.00    12.98
      1.40     YES                    NO
392   VOL59            0   0.37069E-02  483054.9 3733027.9   435.9     5.00    12.98
      1.40     YES                    NO
393   VOL60            0   0.37069E-02  483055.1 3733084.0   435.9     5.00    12.98
      1.40     YES                    NO
394   VOL61            0   0.37069E-02  483102.5 3733084.0   436.0     5.00    12.98
      1.40     YES                    NO
395   VOL62            0   0.37069E-02  483102.3 3733028.0   436.1     5.00    12.98
      1.40     YES                    NO
396   VOL63            0   0.37069E-02  483151.3 3733027.6   436.1     5.00    12.98
      1.40     YES                    NO
397   VOL64            0   0.37069E-02  483151.4 3733083.6   436.1     5.00    12.98
      1.40     YES                    NO
398   VOL65            0   0.37069E-02  483199.6 3733083.9   436.2     5.00    12.98
      1.40     YES                    NO
399   VOL66            0   0.37069E-02  483199.5 3733027.9   436.2     5.00    12.98
      1.40     YES                    NO
400   VOL67            0   0.37069E-02  483247.0 3733027.7   436.4     5.00    12.98
      1.40     YES                    NO
401   VOL68            0   0.37069E-02  483247.1 3733083.8   436.4     5.00    12.98
      1.40     YES                    NO
402   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/06/25
403    *** AERMET - VERSION  22112 ***
       ***                                                              ***
       16:31:11
404
                                PAGE   4
405    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
406
407
408                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
409
410    SRCGROUP ID                                          SOURCE IDs
411    -----------                                          ----------
412
413
414     ALL        VOL1        , VOL2        , VOL3        , VOL4        , VOL5        ,
       VOL6        , VOL7        , VOL8        ,
415
416                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                   VOL14       , VOL15       , VOL16       ,
417
418                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                   VOL22       , VOL23       , VOL24       ,
419
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420              VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                 VOL30       , VOL31       , VOL32       ,
421
422              VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                 VOL38       , VOL39       , VOL40       ,
423
424              VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                 VOL46       , VOL47       , VOL48       ,
425
426              VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                 VOL54       , VOL55       , VOL56       ,
427
428              VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                 VOL62       , VOL63       , VOL64       ,
429
430              VOL65       , VOL66       , VOL67       , VOL68       ,
431  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
432   *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      16:31:11
433
                                PAGE   5
434   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
435
436
437                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***
438
439    URBAN ID   URBAN POP                                  SOURCE IDs
440    --------   ---------                                  ----------
441
442
443                2492442.   VOL1        , VOL2        , VOL3        , VOL4        ,
                   VOL5        , VOL6        , VOL7        ,
444   VOL8        ,
445
446                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                   VOL14       , VOL15       , VOL16       ,
447
448                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                   VOL22       , VOL23       , VOL24       ,
449
450                VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                   VOL30       , VOL31       , VOL32       ,
451
452                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                   VOL38       , VOL39       , VOL40       ,
453
454                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                   VOL46       , VOL47       , VOL48       ,
455
456                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                   VOL54       , VOL55       , VOL56       ,
457
458                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                   VOL62       , VOL63       , VOL64       ,
459
460                VOL65       , VOL66       , VOL67       , VOL68       ,
461  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
462   *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      16:31:11
463
                                PAGE   6
464   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

```
                                         *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

      ( 483094.1, 3733555.8,     436.1,     436.1,       2.0);         ( 483302.2, 3733579.2,     437.1,     437.1,       2.0);
      ( 483075.7, 3732849.8,     436.4,     436.4,       2.0);         ( 482867.4, 3732844.3,     435.9,     435.9,       2.0);
      ( 483195.1, 3733503.4,     436.6,     436.6,       2.0);         ( 483154.5, 3733554.2,     436.4,     436.4,       2.0);
      ( 483244.8, 3733552.8,     436.8,     436.8,       2.0);         ( 483175.0, 3733572.0,     436.5,     436.5,       2.0);
      ( 483199.2, 3733572.8,     436.6,     436.6,       2.0);         ( 483176.8, 3733587.4,     436.5,     436.5,       2.0);
      ( 483300.9, 3733610.1,     437.1,     437.1,       2.0);         ( 483364.9, 3733616.6,     437.0,     437.0,       2.0);
      ( 483306.8, 3733710.6,     436.7,     436.7,       2.0);         ( 483365.8, 3733685.7,     436.9,     436.9,       2.0);
      ( 483489.0, 3733628.9,     437.4,     437.4,       2.0);         ( 484157.2, 3733885.8,     442.2,     442.2,       2.0);
      ( 483716.3, 3733023.0,     438.1,     438.1,       2.0);         ( 483726.5, 3732835.3,     438.0,     438.0,       2.0);
      ( 483628.0, 3732848.9,     437.5,     437.5,       2.0);         ( 483310.6, 3732784.0,     437.1,     437.1,       2.0);
      ( 482988.5, 3732811.0,     436.0,     436.0,       2.0);         ( 482965.3, 3732850.8,     436.0,     436.0,       2.0);
      ( 482822.1, 3732840.0,     436.3,     436.3,       2.0);         ( 482867.9, 3732831.2,     436.0,     436.0,       2.0);
      ( 482933.9, 3733606.2,     435.5,     435.5,       2.0);         ( 482853.7, 3733596.1,     436.0,     436.0,       2.0);
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                                  ***        16:31:11

                                PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                             (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.



                                   *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
..\PERI_V11_trimmed.sfc
Met Version: 22112
Profile file:
..\PERI_V11_trimmed.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2016 Year: 2016

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26					

```
      0.99  352.   11.6  290.7    5.4
541   16 01 01   1 16   14.9  0.098  0.732  0.005  908.   73.     -5.4  0.04   0.53   0.35
      1.03   41.   11.6  289.9    5.4
542   16 01 01   1 17  -13.7  0.171 -9.000 -9.000 -999.  169.     32.1  0.04   0.53   0.63
      2.63   59.   11.6  287.2    5.4
543   16 01 01   1 18  -17.5  0.186 -9.000 -9.000 -999.  193.     38.2  0.04   0.53   1.00
      2.86   43.   11.6  284.7    5.4
544   16 01 01   1 19  -18.1  0.193 -9.000 -9.000 -999.  204.     41.1  0.06   0.53   1.00
      2.70   15.   11.6  283.9    5.4
545   16 01 01   1 20  -11.3  0.151 -9.000 -9.000 -999.  141.     26.4  0.06   0.53   1.00
      2.15   10.   11.6  283.3    5.4
546   16 01 01   1 21   -4.4  0.094 -9.000 -9.000 -999.   69.     16.1  0.06   0.53   1.00
      1.35   17.   11.6  283.0    5.4
547   16 01 01   1 22   -3.0  0.077 -9.000 -9.000 -999.   52.     13.5  0.04   0.53   1.00
      1.16   36.   11.6  282.6    5.4
548   16 01 01   1 23   -2.4  0.074 -9.000 -9.000 -999.   48.     14.3  0.06   0.53   1.00
      0.95  360.   11.6  281.7    5.4
549   16 01 01   1 24   -1.7  0.068 -9.000 -9.000 -999.   43.     15.7  0.06   0.53   1.00
      0.74  334.   11.6  280.6    5.4
550
551
552   First hour of profile data
553   YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
554   16 01 01 01    5.4 0 -999.  -99.00   279.8   99.0  -99.00  -99.00
555   16 01 01 01   11.6 1  342.    3.11  -999.0   99.0  -99.00  -99.00
556
557   F indicates top of profile (=1) or below (=0)
558   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
559    *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       16:31:11
560
                                  PAGE   9
561   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
562
563                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES
                                  FOR SOURCE GROUP:  ALL      ***
564                                   INCLUDING SOURCE(S):     VOL1        , VOL2        ,
                                      VOL3        , VOL4        , VOL5        ,
565                 VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
                    VOL11       , VOL12       , VOL13       ,
566                 VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
                    VOL19       , VOL20       , VOL21       ,
567                 VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
                    VOL27       , VOL28       ,  . . .      ,
568
569                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***
570
571                                     ** CONC OF CO       IN
                                        MICROGRAMS/M**3                          **
572
573        X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
           Y-COORD (M)        CONC     (YYMMDDHH)
574   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
575          483094.15   3733555.79       11.66939  (17120321)               483302.16
             3733579.24       11.52615  (16020107)
576          483075.66   3732849.84       10.72169  (17010316)               482867.38
             3732844.32       12.25264  (19021117)
577          483195.12   3733503.38       14.30084  (17120321)               483154.46
             3733554.20       11.87302  (17120321)
578          483244.78   3733552.84       12.08018  (16020107)               483174.96
             3733571.99       11.11918  (17120321)
579          483199.20   3733572.84       11.09867  (17120321)               483176.83
             3733587.41       10.55714  (17120321)
```

```
          483300.88   3733610.12       10.59397  (16020107)                483364.94
          3733616.56       10.19410  (16020107)
          483306.81   3733710.62        8.20325  (16020107)                483365.79
          3733685.70        8.96555  (16020107)
          483488.99   3733628.93        8.22212  (19010621)                484157.21
          3733885.83        5.43104  (18021301)
          483716.28   3733023.00        6.22381  (19120917)                483726.49
          3732835.33        6.63580  (17022418)
          483627.97   3732848.86        7.74849  (17022418)                483310.58
          3732784.00       11.13880  (18020819)
          482988.51   3732811.05        8.94220  (20122021)                482965.33
          3732850.79       10.37148  (18020718)
          482822.09   3732840.02       12.76058  (19021117)                482867.90
          3732831.19       11.16817  (19021117)
          482933.91   3733606.17       11.52583  (18021503)                482853.70
          3733596.13       12.68483  (18021503)
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 16:31:11

                                PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES
                                FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     VOL1        , VOL2        ,
                                    VOL3        , VOL4        , VOL5        ,
                  VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
                  VOL11       , VOL12       , VOL13       ,
                  VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
                  VOL19       , VOL20       , VOL21       ,
                  VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
                  VOL27       , VOL28       ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO       IN
                                       MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
      Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
          483094.15   3733555.79        6.73414  (17011924)                483302.16
          3733579.24        5.80307  (17011924)
          483075.66   3732849.84        8.55510  (17012908)                482867.38
          3732844.32        7.48095  (17010624)
          483195.12   3733503.38        8.38622  (17011924)                483154.46
          3733554.20        6.79184  (17011924)
          483244.78   3733552.84        6.61696  (17011924)                483174.96
          3733571.99        6.24061  (17011924)
          483199.20   3733572.84        6.18917  (17011924)                483176.83
          3733587.41        5.84684  (17011924)
          483300.88   3733610.12        5.27584  (17011924)                483364.94
          3733616.56        4.80893  (17011924)
          483306.81   3733710.62        3.92274  (17011924)                483365.79
          3733685.70        4.10912  (17011924)
          483488.99   3733628.93        3.38246  (17011924)                484157.21
          3733885.83        1.83556  (16122424)
          483716.28   3733023.00        3.24013  (17012108)                483726.49
          3732835.33        2.58463  (16020124)
          483627.97   3732848.86        3.33757  (16020124)                483310.58
          3732784.00        7.81839  (17121724)
          482988.51   3732811.05        6.98456  (19123024)                482965.33
```

```
          3732850.79        7.79847  (18011308)
          482822.09   3732840.02        7.14967  (17010624)                482867.90
          3732831.19        7.10804  (17010624)
          482933.91   3733606.17        6.15140  (16121608)                482853.70
          3733596.13        6.13875  (16121608)
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 16:31:11

                              PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                              *** THE SUMMARY OF HIGHEST  1-HR RESULTS
                                              ***


                                    ** CONC OF CO       IN
                                    MICROGRAMS/M**3                          **


                                                      DATE

                                                        NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR,
YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      14.30084  ON 17120321: AT (  483195.12,
3733503.38,   436.63,   436.63,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 16:31:11

                              PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                              *** THE SUMMARY OF HIGHEST  8-HR RESULTS
                                              ***


                                    ** CONC OF CO       IN
                                    MICROGRAMS/M**3                          **


                                                      DATE

                                                        NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR,
YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       8.55510  ON 17012908: AT (  483075.66,
3732849.84,   436.35,   436.35,    2.00)  DC
```

```
655
656    *** RECEPTOR TYPES:  GC = GRIDCART
657                         GP = GRIDPOLR
658                         DC = DISCCART
659                         DP = DISCPOLR
660    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
661    *** AERMET - VERSION  22112 ***
       ***                                                                ***
       16:31:11
662
                                  PAGE  13
663    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
664
665    *** Message Summary : AERMOD Model Execution ***
666
667     --------- Summary of Total Messages --------
668
669    A Total of            0 Fatal Error Message(s)
670    A Total of           84 Warning Message(s)
671    A Total of          598 Informational Message(s)
672
673    A Total of        43848 Hours Were Processed
674
675    A Total of          227 Calm Hours Identified
676
677    A Total of          371 Missing Hours Identified (  0.85 Percent)
678
679
680       ******** FATAL ERROR MESSAGES ********
681                  ***  NONE  ***
682
683
684       ********   WARNING MESSAGES   ********
685    ME W186     199       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
       used           0.50
686    ME W187     199       MEOPEN: ADJ_U* Option for Stable Low Winds used in
       AERMET
687    CN W733    1744         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016031316
688    CN W733    1768         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016031416
689    CN W733    4592         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016071008
690    CN W733    4856         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072108
691    CN W733    4880         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072208
692    CN W733    4904         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072308
693    CN W733    4928         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072408
694    CN W733    4952         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072508
695    CN W733    5000         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072708
696    CN W733    5024         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016072808
697    CN W733    5072         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016073008
698    CN W733    5984         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016090608
699    CN W733    6056         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016090908
700    CN W733    6080         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016091008
```

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701    CN W733    6104         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016091108
702    CN W733    6176         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016091408
703    CN W733    6200         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2016091508
704    CN W733    9952         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017021816
705    CN W733   11336         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017041708
706    CN W733   11480         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017042308
707    CN W733   11552         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017042608
708    CN W733   11696         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017050208
709    CN W733   11720         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017050308
710    CN W733   11744         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017050408
711    CN W733   11840         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017050808
712    CN W733   13536         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017071724
713    CN W733   13544         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017071808
714    CN W733   13616         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2017072108
715    CN W733   19144         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018030816
716    CN W733   20552         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018050608
717    CN W733   20824         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018051716
718    CN W733   21184         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060116
719    CN W733   21192         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060124
720    CN W733   21200         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060208
721    CN W733   21208         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060216
722    CN W733   21216         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060224
723    CN W733   21224         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060308
724    CN W733   21232         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060316
725    CN W733   21240         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060324
726    CN W733   21248         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060408
727    CN W733   21264         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060424
728    CN W733   21272         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060508
729    CN W733   21288         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060524
730    CN W733   21296         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060608
731    CN W733   21312         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060624
732    CN W733   21320         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018060708
733    CN W733   22472         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2018072508
```

```
734    CN W733   27920        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019030908
735    CN W733   27944        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019031008
736    CN W733   27992        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019031208
737    CN W733   28136        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019031808
738    CN W733   28160        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019031908
739    CN W733   28208        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019032108
740    CN W733   28232        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019032208
741    CN W733   28256        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019032308
742    CN W733   28304        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019032508
743    CN W733   28320        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019032524
744    CN W733   28328        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019032608
745    CN W733   28352        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019032708
746    CN W733   31624        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2019081016
747    CN W733   36808        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020031316
748    CN W733   36832        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020031416
749    CN W733   36856        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020031516
750    CN W733   36880        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020031616
751    CN W733   37288        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020040216
752    CN W733   37312        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020040316
753    CN W733   37408        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020040716
754    CN W733   37720        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020042016
755    CN W733   41712        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020100324
756    CN W733   41720        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020100408
757    CN W733   41800        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020100716
758    CN W733   41872        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020101016
759    CN W733   42664        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020111216
760    CN W733   42808        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020111816
761    CN W733   42856        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020112016
762    CN W733   42880        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020112116
763    CN W733   42904        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020112216
764    CN W733   42928        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020112316
765    CN W733   42952        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020112416
766    CN W733   42976        AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020112516
```

```
767    CN W733   43456         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020121516
768    CN W733   43600         AVER: 8-hr avg, < 6 hours of data, calms policy used.
       2020122116
769
770       ************************************
771       *** AERMOD Finishes Successfully ***
772       ************************************
773
774
```

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 10/6/2025
** File: C:\Users\Michael Tirohn\Desktop\HRAs\16568 Heritage Valley\16568-04 Ops NOX\16568-04 Ops NOX.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568-
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 2492442 Riverside_County
   POLLUTID NOX
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "16568-04 Ops NOX.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     482910.140  3733440.950      435.390
   LOCATION VOL2         VOLUME     482959.109  3733440.568      435.560
   LOCATION VOL3         VOLUME     483007.323  3733440.822      435.720
   LOCATION VOL4         VOLUME     483054.775  3733440.695      435.830
   LOCATION VOL5         VOLUME     482910.102  3733391.190      435.460
   LOCATION VOL6         VOLUME     482959.070  3733390.808      435.500
   LOCATION VOL7         VOLUME     483007.284  3733391.062      435.600
   LOCATION VOL8         VOLUME     483054.737  3733390.935      435.710
   LOCATION VOL9         VOLUME     483102.111  3733390.969      435.980
   LOCATION VOL10        VOLUME     483151.080  3733390.587      436.300
   LOCATION VOL11        VOLUME     483199.293  3733390.841      436.390
   LOCATION VOL12        VOLUME     483246.746  3733390.714      436.500
   LOCATION VOL13        VOLUME     482909.968  3733335.149      435.440
   LOCATION VOL14        VOLUME     482958.936  3733334.768      435.580
   LOCATION VOL15        VOLUME     483007.150  3733335.022      435.640
   LOCATION VOL16        VOLUME     483054.603  3733334.895      435.800
   LOCATION VOL17        VOLUME     483101.977  3733334.928      435.950
   LOCATION VOL18        VOLUME     483150.946  3733334.546      436.050
   LOCATION VOL19        VOLUME     483199.159  3733334.800      436.220
   LOCATION VOL20        VOLUME     483246.612  3733334.673      436.460
   LOCATION VOL21        VOLUME     482909.828  3733279.079      435.510
   LOCATION VOL22        VOLUME     482909.694  3733223.038      435.430
   LOCATION VOL23        VOLUME     482958.663  3733222.656      435.680
   LOCATION VOL24        VOLUME     482958.797  3733278.697      435.710
   LOCATION VOL25        VOLUME     483007.011  3733278.951      435.830
   LOCATION VOL26        VOLUME     483006.877  3733222.910      435.850
   LOCATION VOL27        VOLUME     483054.329  3733222.783      435.970
   LOCATION VOL28        VOLUME     483054.463  3733278.824      435.990
```

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     LOCATION VOL29        VOLUME     483101.837  3733278.857      436.300
     LOCATION VOL30        VOLUME     483101.703  3733222.817      436.370
     LOCATION VOL31        VOLUME     483150.672  3733222.435      437.040
     LOCATION VOL32        VOLUME     483150.806  3733278.476      436.450
     LOCATION VOL33        VOLUME     483199.020  3733278.729      436.610
     LOCATION VOL34        VOLUME     483198.886  3733222.689      436.840
     LOCATION VOL35        VOLUME     483246.338  3733222.562      436.760
     LOCATION VOL36        VOLUME     483246.472  3733278.602      436.770
     LOCATION VOL37        VOLUME     482909.828  3733166.682      435.430
     LOCATION VOL38        VOLUME     482909.694  3733110.641      435.550
     LOCATION VOL39        VOLUME     482958.663  3733110.260      435.740
     LOCATION VOL40        VOLUME     482958.797  3733166.300      435.660
     LOCATION VOL41        VOLUME     483007.011  3733166.554      435.850
     LOCATION VOL42        VOLUME     483006.877  3733110.513      435.790
     LOCATION VOL43        VOLUME     483054.329  3733110.386      435.910
     LOCATION VOL44        VOLUME     483054.463  3733166.427      436.030
     LOCATION VOL45        VOLUME     483101.837  3733166.460      436.310
     LOCATION VOL46        VOLUME     483101.703  3733110.420      436.000
     LOCATION VOL47        VOLUME     483150.672  3733110.038      436.080
     LOCATION VOL48        VOLUME     483150.806  3733166.079      436.710
     LOCATION VOL49        VOLUME     483199.020  3733166.332      436.570
     LOCATION VOL50        VOLUME     483198.886  3733110.292      436.180
     LOCATION VOL51        VOLUME     483246.338  3733110.165      436.350
     LOCATION VOL52        VOLUME     483246.472  3733166.205      436.530
     LOCATION VOL53        VOLUME     482910.448  3733084.243      435.600
     LOCATION VOL54        VOLUME     482910.314  3733028.203      435.660
     LOCATION VOL55        VOLUME     482959.283  3733027.821      435.800
     LOCATION VOL56        VOLUME     482959.417  3733083.862      435.780
     LOCATION VOL57        VOLUME     483007.630  3733084.116      435.820
     LOCATION VOL58        VOLUME     483007.496  3733028.075      435.880
     LOCATION VOL59        VOLUME     483054.949  3733027.948      435.950
     LOCATION VOL60        VOLUME     483055.083  3733083.989      435.900
     LOCATION VOL61        VOLUME     483102.457  3733084.022      435.990
     LOCATION VOL62        VOLUME     483102.323  3733027.981      436.060
     LOCATION VOL63        VOLUME     483151.292  3733027.600      436.130
     LOCATION VOL64        VOLUME     483151.426  3733083.640      436.070
     LOCATION VOL65        VOLUME     483199.640  3733083.894      436.180
     LOCATION VOL66        VOLUME     483199.506  3733027.854      436.240
     LOCATION VOL67        VOLUME     483246.958  3733027.727      436.440
     LOCATION VOL68        VOLUME     483247.092  3733083.767      436.350
** Source Parameters **
     SRCPARAM VOL1         0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL2         0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL3         0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL4         0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL5         0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL6         0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL7         0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL8         0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL9         0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL10        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL11        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL12        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL13        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL14        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL15        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL16        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL17        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL18        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL19        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL20        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL21        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL22        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL23        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL24        0.0013217178     5.000    12.977     1.400
     SRCPARAM VOL25        0.0013217178     5.000    12.977     1.400
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    SRCPARAM VOL26        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL27        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL28        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL29        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL30        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL31        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL32        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL33        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL34        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL35        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL36        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL37        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL38        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL39        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL40        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL41        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL42        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL43        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL44        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL45        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL46        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL47        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL48        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL49        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL50        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL51        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL52        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL53        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL54        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL55        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL56        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL57        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL58        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL59        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL60        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL61        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL62        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL63        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL64        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL65        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL66        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL67        0.0013217178     5.000    12.977     1.400
    SRCPARAM VOL68        0.0013217178     5.000    12.977     1.400
    URBANSRC ALL
    SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "16568-04 Ops NOX.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE ..\PERI_V11_trimmed.sfc
   PROFFILE ..\PERI_V11_trimmed.PFL
   SURFDATA 3171 2016
   UAIRDATA 3190 2016
```

```
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "16568-04 OPS NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "16568-04 Ops NOX.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     199       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
 used           0.50
 ME W187     199       MEOPEN: ADJ_U* Option for Stable Low Winds used in
 AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 16:34:26

                              PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
```

```
257         * Model Uses URBAN Dispersion Algorithm for the SBL for    68 Source(s),
258           for Total of    1 Urban Area(s):
259       Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
260          * Urban Roughness Length of 1.0 Meter Used.
261          * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
262          * CCVR_Sub - Meteorological data includes CCVR substitutions
263          * TEMP_Sub - Meteorological data includes TEMP substitutions
264          * Model Accepts FLAGPOLE Receptor . Heights.
265          * The User Specified a Pollutant Type of: NOX
266
267    **Model Calculates  1 Short Term Average(s) of:   1-HR
268
269    **This Run Includes:     68 Source(s);       1 Source Group(s); and      26 Receptor(s)
270
271                   with:      0 POINT(s), including
272                              0 POINTCAP(s) and      0 POINTHOR(s)
273                    and:     68 VOLUME source(s)
274                    and:      0 AREA type source(s)
275                    and:      0 LINE source(s)
276                    and:      0 RLINE/RLINEXT source(s)
277                    and:      0 OPENPIT source(s)
278                    and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
279                    and:      0 SWPOINT source(s)
280
281
282    **Model Set To Continue RUNning After the Setup Testing.
283
284    **The AERMET Input Meteorological Data Version Date:  22112
285
286    **Output Options Selected:
287             Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
                Keyword)
288             Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
289             Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
290
291    **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
292                                                                    m for Missing Hours
293                                                                    b for Both Calm and
                                                                       Missing Hours
294
295    **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef.
       =    0.000     ;  Rot. Angle =     0.0
296                     Emission Units = GRAMS/SEC                                ;  Emission
                        Rate Unit Factor =   0.10000E+07
297                     Output Units   = MICROGRAMS/M**3
298
299    **Approximate Storage Requirements of Model =      3.5 MB of RAM.
300
301    **Input Runstream File:
       aermod.inp

302    **Output Print File:
       aermod.out

303
304    **Detailed Error/Message File:   16568-04 Ops
       NOX.err
305    **File for Summary of Results:   16568-04 Ops
       NOX.sum
306    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
307    *** AERMET - VERSION  22112 ***
       ***                                                              ***
       16:34:26
308
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER INIT. PART. CATS.	URBAN SOURCE	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	BASE HEIGHT (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ BY
VOL1	0	SCALAR	0.13217E-02	482910.1	3733440.9	435.4	5.00	12.98	1.40	YES
VOL2	0	SCALAR	0.13217E-02	482959.1	3733440.6	435.6	5.00	12.98	1.40	YES
VOL3	0	SCALAR	0.13217E-02	483007.3	3733440.8	435.7	5.00	12.98	1.40	YES
VOL4	0	SCALAR	0.13217E-02	483054.8	3733440.7	435.8	5.00	12.98	1.40	YES
VOL5	0	SCALAR	0.13217E-02	482910.1	3733391.2	435.5	5.00	12.98	1.40	YES
VOL6	0	SCALAR	0.13217E-02	482959.1	3733390.8	435.5	5.00	12.98	1.40	YES
VOL7	0	SCALAR	0.13217E-02	483007.3	3733391.1	435.6	5.00	12.98	1.40	YES
VOL8	0	SCALAR	0.13217E-02	483054.7	3733390.9	435.7	5.00	12.98	1.40	YES
VOL9	0	SCALAR	0.13217E-02	483102.1	3733391.0	436.0	5.00	12.98	1.40	YES
VOL10	0	SCALAR	0.13217E-02	483151.1	3733390.6	436.3	5.00	12.98	1.40	YES
VOL11	0	SCALAR	0.13217E-02	483199.3	3733390.8	436.4	5.00	12.98	1.40	YES
VOL12	0	SCALAR	0.13217E-02	483246.7	3733390.7	436.5	5.00	12.98	1.40	YES
VOL13	0	SCALAR	0.13217E-02	482910.0	3733335.1	435.4	5.00	12.98	1.40	YES
VOL14	0	SCALAR	0.13217E-02	482958.9	3733334.8	435.6	5.00	12.98	1.40	YES
VOL15	0	SCALAR	0.13217E-02	483007.1	3733335.0	435.6	5.00	12.98	1.40	YES
VOL16	0	SCALAR	0.13217E-02	483054.6	3733334.9	435.8	5.00	12.98	1.40	YES
VOL17	0	SCALAR	0.13217E-02	483102.0	3733334.9	435.9	5.00	12.98	1.40	YES
VOL18	0	SCALAR	0.13217E-02	483150.9	3733334.5	436.1	5.00	12.98	1.40	YES
VOL19	0	SCALAR	0.13217E-02	483199.2	3733334.8	436.2	5.00	12.98	1.40	YES
VOL20	0	SCALAR	0.13217E-02	483246.6	3733334.7	436.5	5.00	12.98	1.40	YES
VOL21	0	SCALAR	0.13217E-02	482909.8	3733279.1	435.5	5.00	12.98	1.40	YES
VOL22	0	SCALAR	0.13217E-02	482909.7	3733223.0	435.4	5.00	12.98	1.40	YES
VOL23	0	SCALAR	0.13217E-02	482958.7	3733222.7	435.7	5.00	12.98	1.40	YES
VOL24	0	SCALAR	0.13217E-02	482958.8	3733278.7	435.7	5.00	12.98	1.40	YES
VOL25	0	SCALAR	0.13217E-02	483007.0	3733279.0	435.8	5.00	12.98	1.40	YES
VOL26	0	SCALAR	0.13217E-02	483006.9	3733222.9	435.9	5.00	12.98	1.40	YES

```
345    VOL27           0   0.13217E-02  483054.3 3733222.8   436.0     5.00    12.98
       1.40     YES                   NO
346    VOL28           0   0.13217E-02  483054.5 3733278.8   436.0     5.00    12.98
       1.40     YES                   NO
347    VOL29           0   0.13217E-02  483101.8 3733278.9   436.3     5.00    12.98
       1.40     YES                   NO
348    VOL30           0   0.13217E-02  483101.7 3733222.8   436.4     5.00    12.98
       1.40     YES                   NO
349    VOL31           0   0.13217E-02  483150.7 3733222.4   437.0     5.00    12.98
       1.40     YES                   NO
350    VOL32           0   0.13217E-02  483150.8 3733278.5   436.4     5.00    12.98
       1.40     YES                   NO
351    VOL33           0   0.13217E-02  483199.0 3733278.7   436.6     5.00    12.98
       1.40     YES                   NO
352    VOL34           0   0.13217E-02  483198.9 3733222.7   436.8     5.00    12.98
       1.40     YES                   NO
353    VOL35           0   0.13217E-02  483246.3 3733222.6   436.8     5.00    12.98
       1.40     YES                   NO
354    VOL36           0   0.13217E-02  483246.5 3733278.6   436.8     5.00    12.98
       1.40     YES                   NO
355    VOL37           0   0.13217E-02  482909.8 3733166.7   435.4     5.00    12.98
       1.40     YES                   NO
356    VOL38           0   0.13217E-02  482909.7 3733110.6   435.6     5.00    12.98
       1.40     YES                   NO
357    VOL39           0   0.13217E-02  482958.7 3733110.3   435.7     5.00    12.98
       1.40     YES                   NO
358    VOL40           0   0.13217E-02  482958.8 3733166.3   435.7     5.00    12.98
       1.40     YES                   NO
359    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
360     *** AERMET - VERSION  22112 ***
        ***                                                                ***
        16:34:26
361
                                  PAGE   3
362    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
363
364
365                                                  *** VOLUME SOURCE DATA ***
366
367                  NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                     INIT.   URBAN  EMISSION RATE   AIRCRAFT
368      SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
         SZ     SOURCE  SCALAR VARY
369        ID          CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
           (METERS)              BY
370    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
371
372    VOL41           0   0.13217E-02  483007.0 3733166.6   435.9     5.00    12.98
       1.40     YES                   NO
373    VOL42           0   0.13217E-02  483006.9 3733110.5   435.8     5.00    12.98
       1.40     YES                   NO
374    VOL43           0   0.13217E-02  483054.3 3733110.4   435.9     5.00    12.98
       1.40     YES                   NO
375    VOL44           0   0.13217E-02  483054.5 3733166.4   436.0     5.00    12.98
       1.40     YES                   NO
376    VOL45           0   0.13217E-02  483101.8 3733166.5   436.3     5.00    12.98
       1.40     YES                   NO
377    VOL46           0   0.13217E-02  483101.7 3733110.4   436.0     5.00    12.98
       1.40     YES                   NO
378    VOL47           0   0.13217E-02  483150.7 3733110.0   436.1     5.00    12.98
       1.40     YES                   NO
379    VOL48           0   0.13217E-02  483150.8 3733166.1   436.7     5.00    12.98
       1.40     YES                   NO
380    VOL49           0   0.13217E-02  483199.0 3733166.3   436.6     5.00    12.98
```

```
      1.40     YES                    NO
381   VOL50            0   0.13217E-02  483198.9 3733110.3   436.2     5.00    12.98
      1.40     YES                    NO
382   VOL51            0   0.13217E-02  483246.3 3733110.2   436.4     5.00    12.98
      1.40     YES                    NO
383   VOL52            0   0.13217E-02  483246.5 3733166.2   436.5     5.00    12.98
      1.40     YES                    NO
384   VOL53            0   0.13217E-02  482910.4 3733084.2   435.6     5.00    12.98
      1.40     YES                    NO
385   VOL54            0   0.13217E-02  482910.3 3733028.2   435.7     5.00    12.98
      1.40     YES                    NO
386   VOL55            0   0.13217E-02  482959.3 3733027.8   435.8     5.00    12.98
      1.40     YES                    NO
387   VOL56            0   0.13217E-02  482959.4 3733083.9   435.8     5.00    12.98
      1.40     YES                    NO
388   VOL57            0   0.13217E-02  483007.6 3733084.1   435.8     5.00    12.98
      1.40     YES                    NO
389   VOL58            0   0.13217E-02  483007.5 3733028.1   435.9     5.00    12.98
      1.40     YES                    NO
390   VOL59            0   0.13217E-02  483054.9 3733027.9   435.9     5.00    12.98
      1.40     YES                    NO
391   VOL60            0   0.13217E-02  483055.1 3733084.0   435.9     5.00    12.98
      1.40     YES                    NO
392   VOL61            0   0.13217E-02  483102.5 3733084.0   436.0     5.00    12.98
      1.40     YES                    NO
393   VOL62            0   0.13217E-02  483102.3 3733028.0   436.1     5.00    12.98
      1.40     YES                    NO
394   VOL63            0   0.13217E-02  483151.3 3733027.6   436.1     5.00    12.98
      1.40     YES                    NO
395   VOL64            0   0.13217E-02  483151.4 3733083.6   436.1     5.00    12.98
      1.40     YES                    NO
396   VOL65            0   0.13217E-02  483199.6 3733083.9   436.2     5.00    12.98
      1.40     YES                    NO
397   VOL66            0   0.13217E-02  483199.5 3733027.9   436.2     5.00    12.98
      1.40     YES                    NO
398   VOL67            0   0.13217E-02  483247.0 3733027.7   436.4     5.00    12.98
      1.40     YES                    NO
399   VOL68            0   0.13217E-02  483247.1 3733083.8   436.4     5.00    12.98
      1.40     YES                    NO
400   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/06/25
401    *** AERMET - VERSION  22112 ***
       ***                                                                ***
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402
                                  PAGE   4
403    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
404
405
406                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
407
408    SRCGROUP ID                                          SOURCE IDs
409    -----------                                          ----------
410
411
412     ALL         VOL1         , VOL2         , VOL3         , VOL4         , VOL5         ,
       VOL6         , VOL7         , VOL8         ,
413
414                 VOL9         , VOL10        , VOL11        , VOL12        , VOL13        ,
                    VOL14        , VOL15        , VOL16        ,
415
416                 VOL17        , VOL18        , VOL19        , VOL20        , VOL21        ,
                    VOL22        , VOL23        , VOL24        ,
417
418                 VOL25        , VOL26        , VOL27        , VOL28        , VOL29        ,
                    VOL30        , VOL31        , VOL32        ,
```

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419
420                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                   VOL38       , VOL39       , VOL40       ,
421
422                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                   VOL46       , VOL47       , VOL48       ,
423
424                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                   VOL54       , VOL55       , VOL56       ,
425
426                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                   VOL62       , VOL63       , VOL64       ,
427
428                VOL65       , VOL66       , VOL67       , VOL68       ,
429   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
430    *** AERMET - VERSION  22112 ***
       ***                                                                  ***
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431
                                  PAGE   5
432    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
433
434
435                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***
436
437     URBAN ID   URBAN POP                                    SOURCE IDs
438     --------   ---------                                    ----------
439
440
441                 2492442.   VOL1        , VOL2        , VOL3        , VOL4        ,
                    VOL5        , VOL6        , VOL7        ,
442    VOL8        ,
443
444                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                   VOL14       , VOL15       , VOL16       ,
445
446                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                   VOL22       , VOL23       , VOL24       ,
447
448                VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                   VOL30       , VOL31       , VOL32       ,
449
450                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                   VOL38       , VOL39       , VOL40       ,
451
452                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                   VOL46       , VOL47       , VOL48       ,
453
454                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                   VOL54       , VOL55       , VOL56       ,
455
456                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                   VOL62       , VOL63       , VOL64       ,
457
458                VOL65       , VOL66       , VOL67       , VOL68       ,
459   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
460    *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       16:34:26
461
                                  PAGE   6
462    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
463
464                                             *** DISCRETE CARTESIAN RECEPTORS ***
```

```
                                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                                (METERS)

     ( 483094.1, 3733555.8,     436.1,     436.1,       2.0);         ( 483302.2,
     3733579.2,     437.1,     437.1,       2.0);
     ( 483075.7, 3732849.8,     436.4,     436.4,       2.0);         ( 482867.4,
     3732844.3,     435.9,     435.9,       2.0);
     ( 483195.1, 3733503.4,     436.6,     436.6,       2.0);         ( 483154.5,
     3733554.2,     436.4,     436.4,       2.0);
     ( 483244.8, 3733552.8,     436.8,     436.8,       2.0);         ( 483175.0,
     3733572.0,     436.5,     436.5,       2.0);
     ( 483199.2, 3733572.8,     436.6,     436.6,       2.0);         ( 483176.8,
     3733587.4,     436.5,     436.5,       2.0);
     ( 483300.9, 3733610.1,     437.1,     437.1,       2.0);         ( 483364.9,
     3733616.6,     437.0,     437.0,       2.0);
     ( 483306.8, 3733710.6,     436.7,     436.7,       2.0);         ( 483365.8,
     3733685.7,     436.9,     436.9,       2.0);
     ( 483489.0, 3733628.9,     437.4,     437.4,       2.0);         ( 484157.2,
     3733885.8,     442.2,     442.2,       2.0);
     ( 483716.3, 3733023.0,     438.1,     438.1,       2.0);         ( 483726.5,
     3732835.3,     438.0,     438.0,       2.0);
     ( 483628.0, 3732848.9,     437.5,     437.5,       2.0);         ( 483310.6,
     3732784.0,     437.1,     437.1,       2.0);
     ( 482988.5, 3732811.0,     436.0,     436.0,       2.0);         ( 482965.3,
     3732850.8,     436.0,     436.0,       2.0);
     ( 482822.1, 3732840.0,     436.3,     436.3,       2.0);         ( 482867.9,
     3732831.2,     436.0,     436.0,       2.0);
     ( 482933.9, 3733606.2,     435.5,     435.5,       2.0);         ( 482853.7,
     3733596.1,     436.0,     436.0,       2.0);
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 16:34:26

                              PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
                                          PROCESSING ***
                                                          (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

                NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT
                IS INCLUDED IN THE DATA FILE.


                                     *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
                                     CATEGORIES ***
                                                          (METERS/SEC)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
..\PERI_V11_trimmed.sfc
Met Version: 22112
Profile file:
..\PERI_V11_trimmed.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2016 Year: 2016

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35					

```
      1.03   41.   11.6  289.9    5.4
540   16 01 01   1 17  -13.7  0.171 -9.000 -9.000 -999.  169.     32.1  0.04   0.53   0.63
      2.63   59.   11.6  287.2    5.4
541   16 01 01   1 18  -17.5  0.186 -9.000 -9.000 -999.  193.     38.2  0.04   0.53   1.00
      2.86   43.   11.6  284.7    5.4
542   16 01 01   1 19  -18.1  0.193 -9.000 -9.000 -999.  204.     41.1  0.06   0.53   1.00
      2.70   15.   11.6  283.9    5.4
543   16 01 01   1 20  -11.3  0.151 -9.000 -9.000 -999.  141.     26.4  0.06   0.53   1.00
      2.15   10.   11.6  283.3    5.4
544   16 01 01   1 21   -4.4  0.094 -9.000 -9.000 -999.   69.     16.1  0.06   0.53   1.00
      1.35   17.   11.6  283.0    5.4
545   16 01 01   1 22   -3.0  0.077 -9.000 -9.000 -999.   52.     13.5  0.04   0.53   1.00
      1.16   36.   11.6  282.6    5.4
546   16 01 01   1 23   -2.4  0.074 -9.000 -9.000 -999.   48.     14.3  0.06   0.53   1.00
      0.95  360.   11.6  281.7    5.4
547   16 01 01   1 24   -1.7  0.068 -9.000 -9.000 -999.   43.     15.7  0.06   0.53   1.00
      0.74  334.   11.6  280.6    5.4
548
549
550   First hour of profile data
551   YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
552   16 01 01 01    5.4 0 -999.  -99.00   279.8   99.0  -99.00  -99.00
553   16 01 01 01   11.6 1  342.    3.11  -999.0   99.0  -99.00  -99.00
554
555   F indicates top of profile (=1) or below (=0)
556   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
557   *** AERMET - VERSION  22112 ***
      ***                                                              ***
      16:34:26
558
                                  PAGE   9
559   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
560
561                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES
                                  FOR SOURCE GROUP:  ALL      ***
562                                   INCLUDING SOURCE(S):     VOL1        , VOL2        ,
                                      VOL3        , VOL4        , VOL5        ,
563                 VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
                    VOL11       , VOL12       , VOL13       ,
564                 VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
                    VOL19       , VOL20       , VOL21       ,
565                 VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
                    VOL27       , VOL28       ,  . . .      ,
566
567                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***
568
569                                     ** CONC OF NOX      IN
                                        MICROGRAMS/M**3                          **
570
571         X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
            Y-COORD (M)        CONC     (YYMMDDHH)
572   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
573           483094.15   3733555.79        4.16084  (17120321)               483302.16
              3733579.24        4.10977  (16020107)
574           483075.66   3732849.84        3.82293  (17010316)               482867.38
              3732844.32        4.36880  (19021117)
575           483195.12   3733503.38        5.09911  (17120321)               483154.46
              3733554.20        4.23344  (17120321)
576           483244.78   3733552.84        4.30731  (16020107)               483174.96
              3733571.99        3.96466  (17120321)
577           483199.20   3733572.84        3.95734  (17120321)               483176.83
              3733587.41        3.76426  (17120321)
578           483300.88   3733610.12        3.77739  (16020107)               483364.94
              3733616.56        3.63481  (16020107)
```

```
579          483306.81   3733710.62        2.92495  (16020107)                 483365.79
             3733685.70        3.19676  (16020107)
580          483488.99   3733628.93        2.93168  (19010621)                 484157.21
             3733885.83        1.93649  (18021301)
581          483716.28   3733023.00        2.21916  (19120917)                 483726.49
             3732835.33        2.36606  (17022418)
582          483627.97   3732848.86        2.76280  (17022418)                 483310.58
             3732784.00        3.97165  (18020819)
583          482988.51   3732811.05        3.18843  (20122021)                 482965.33
             3732850.79        3.69806  (18020718)
584          482822.09   3732840.02        4.54992  (19021117)                 482867.90
             3732831.19        3.98212  (19021117)
585          482933.91   3733606.17        4.10965  (18021503)                 482853.70
             3733596.13        4.52291  (18021503)
586  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
587   *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      16:34:26
588
                                PAGE  10
589   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
590
591                                              *** THE SUMMARY OF HIGHEST  1-HR RESULTS
                                                 ***
592
593
594                                   ** CONC OF NOX      IN
                                      MICROGRAMS/M**3                          **
595
596
                                                        DATE

                                                          NETWORK
597  GROUP ID                            AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR,
     YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
598  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - - - -
599
600  ALL      HIGH   1ST HIGH VALUE IS       5.09911  ON 17120321: AT (  483195.12,
     3733503.38,   436.63,   436.63,    2.00)  DC
601
602
603   *** RECEPTOR TYPES:  GC = GRIDCART
604                        GP = GRIDPOLR
605                        DC = DISCCART
606                        DP = DISCPOLR
607  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
608   *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      16:34:26
609
                                PAGE  11
610   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
611
612   *** Message Summary : AERMOD Model Execution ***
613
614    --------- Summary of Total Messages --------
615
616   A Total of            0 Fatal Error Message(s)
617   A Total of            2 Warning Message(s)
618   A Total of          598 Informational Message(s)
619
620   A Total of        43848 Hours Were Processed
621
```

```
622    A Total of          227 Calm Hours Identified
623
624    A Total of          371 Missing Hours Identified (  0.85 Percent)
625
626
627       ******** FATAL ERROR MESSAGES ********
628                  ***  NONE  ***
629
630
631       ********   WARNING MESSAGES   ********
632    ME W186     199       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
       used           0.50
633    ME W187     199       MEOPEN: ADJ_U* Option for Stable Low Winds used in
       AERMET
634
635       ***********************************
636       *** AERMOD Finishes Successfully ***
637       ***********************************
638
639
```

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 10/6/2025
** File: C:\Users\Michael Tirohn\Desktop\HRAs\16568 Heritage Valley\16568-04 Ops PM10\16568-04 Ops PM10.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568-
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2492442 Riverside_County
   POLLUTID PM_10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "16568-04 Ops PM10.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     482910.140  3733440.950      435.390
   LOCATION VOL2         VOLUME     482959.109  3733440.568      435.560
   LOCATION VOL3         VOLUME     483007.323  3733440.822      435.720
   LOCATION VOL4         VOLUME     483054.775  3733440.695      435.830
   LOCATION VOL5         VOLUME     482910.102  3733391.190      435.460
   LOCATION VOL6         VOLUME     482959.070  3733390.808      435.500
   LOCATION VOL7         VOLUME     483007.284  3733391.062      435.600
   LOCATION VOL8         VOLUME     483054.737  3733390.935      435.710
   LOCATION VOL9         VOLUME     483102.111  3733390.969      435.980
   LOCATION VOL10        VOLUME     483151.080  3733390.587      436.300
   LOCATION VOL11        VOLUME     483199.293  3733390.841      436.390
   LOCATION VOL12        VOLUME     483246.746  3733390.714      436.500
   LOCATION VOL13        VOLUME     482909.968  3733335.149      435.440
   LOCATION VOL14        VOLUME     482958.936  3733334.768      435.580
   LOCATION VOL15        VOLUME     483007.150  3733335.022      435.640
   LOCATION VOL16        VOLUME     483054.603  3733334.895      435.800
   LOCATION VOL17        VOLUME     483101.977  3733334.928      435.950
   LOCATION VOL18        VOLUME     483150.946  3733334.546      436.050
   LOCATION VOL19        VOLUME     483199.159  3733334.800      436.220
   LOCATION VOL20        VOLUME     483246.612  3733334.673      436.460
   LOCATION VOL21        VOLUME     482909.828  3733279.079      435.510
   LOCATION VOL22        VOLUME     482909.694  3733223.038      435.430
   LOCATION VOL23        VOLUME     482958.663  3733222.656      435.680
   LOCATION VOL24        VOLUME     482958.797  3733278.697      435.710
   LOCATION VOL25        VOLUME     483007.011  3733278.951      435.830
   LOCATION VOL26        VOLUME     483006.877  3733222.910      435.850
   LOCATION VOL27        VOLUME     483054.329  3733222.783      435.970
   LOCATION VOL28        VOLUME     483054.463  3733278.824      435.990
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     LOCATION VOL29        VOLUME     483101.837  3733278.857      436.300
     LOCATION VOL30        VOLUME     483101.703  3733222.817      436.370
     LOCATION VOL31        VOLUME     483150.672  3733222.435      437.040
     LOCATION VOL32        VOLUME     483150.806  3733278.476      436.450
     LOCATION VOL33        VOLUME     483199.020  3733278.729      436.610
     LOCATION VOL34        VOLUME     483198.886  3733222.689      436.840
     LOCATION VOL35        VOLUME     483246.338  3733222.562      436.760
     LOCATION VOL36        VOLUME     483246.472  3733278.602      436.770
     LOCATION VOL37        VOLUME     482909.828  3733166.682      435.430
     LOCATION VOL38        VOLUME     482909.694  3733110.641      435.550
     LOCATION VOL39        VOLUME     482958.663  3733110.260      435.740
     LOCATION VOL40        VOLUME     482958.797  3733166.300      435.660
     LOCATION VOL41        VOLUME     483007.011  3733166.554      435.850
     LOCATION VOL42        VOLUME     483006.877  3733110.513      435.790
     LOCATION VOL43        VOLUME     483054.329  3733110.386      435.910
     LOCATION VOL44        VOLUME     483054.463  3733166.427      436.030
     LOCATION VOL45        VOLUME     483101.837  3733166.460      436.310
     LOCATION VOL46        VOLUME     483101.703  3733110.420      436.000
     LOCATION VOL47        VOLUME     483150.672  3733110.038      436.080
     LOCATION VOL48        VOLUME     483150.806  3733166.079      436.710
     LOCATION VOL49        VOLUME     483199.020  3733166.332      436.570
     LOCATION VOL50        VOLUME     483198.886  3733110.292      436.180
     LOCATION VOL51        VOLUME     483246.338  3733110.165      436.350
     LOCATION VOL52        VOLUME     483246.472  3733166.205      436.530
     LOCATION VOL53        VOLUME     482910.448  3733084.243      435.600
     LOCATION VOL54        VOLUME     482910.314  3733028.203      435.660
     LOCATION VOL55        VOLUME     482959.283  3733027.821      435.800
     LOCATION VOL56        VOLUME     482959.417  3733083.862      435.780
     LOCATION VOL57        VOLUME     483007.630  3733084.116      435.820
     LOCATION VOL58        VOLUME     483007.496  3733028.075      435.880
     LOCATION VOL59        VOLUME     483054.949  3733027.948      435.950
     LOCATION VOL60        VOLUME     483055.083  3733083.989      435.900
     LOCATION VOL61        VOLUME     483102.457  3733084.022      435.990
     LOCATION VOL62        VOLUME     483102.323  3733027.981      436.060
     LOCATION VOL63        VOLUME     483151.292  3733027.600      436.130
     LOCATION VOL64        VOLUME     483151.426  3733083.640      436.070
     LOCATION VOL65        VOLUME     483199.640  3733083.894      436.180
     LOCATION VOL66        VOLUME     483199.506  3733027.854      436.240
     LOCATION VOL67        VOLUME     483246.958  3733027.727      436.440
     LOCATION VOL68        VOLUME     483247.092  3733083.767      436.350
** Source Parameters **
     SRCPARAM VOL1         0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL2         0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL3         0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL4         0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL5         0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL6         0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL7         0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL8         0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL9         0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL10        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL11        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL12        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL13        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL14        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL15        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL16        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL17        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL18        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL19        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL20        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL21        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL22        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL23        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL24        0.0001096182     5.000    12.977     1.400
     SRCPARAM VOL25        0.0001096182     5.000    12.977     1.400
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132      SRCPARAM VOL26        0.0001096182     5.000    12.977     1.400
133      SRCPARAM VOL27        0.0001096182     5.000    12.977     1.400
134      SRCPARAM VOL28        0.0001096182     5.000    12.977     1.400
135      SRCPARAM VOL29        0.0001096182     5.000    12.977     1.400
136      SRCPARAM VOL30        0.0001096182     5.000    12.977     1.400
137      SRCPARAM VOL31        0.0001096182     5.000    12.977     1.400
138      SRCPARAM VOL32        0.0001096182     5.000    12.977     1.400
139      SRCPARAM VOL33        0.0001096182     5.000    12.977     1.400
140      SRCPARAM VOL34        0.0001096182     5.000    12.977     1.400
141      SRCPARAM VOL35        0.0001096182     5.000    12.977     1.400
142      SRCPARAM VOL36        0.0001096182     5.000    12.977     1.400
143      SRCPARAM VOL37        0.0001096182     5.000    12.977     1.400
144      SRCPARAM VOL38        0.0001096182     5.000    12.977     1.400
145      SRCPARAM VOL39        0.0001096182     5.000    12.977     1.400
146      SRCPARAM VOL40        0.0001096182     5.000    12.977     1.400
147      SRCPARAM VOL41        0.0001096182     5.000    12.977     1.400
148      SRCPARAM VOL42        0.0001096182     5.000    12.977     1.400
149      SRCPARAM VOL43        0.0001096182     5.000    12.977     1.400
150      SRCPARAM VOL44        0.0001096182     5.000    12.977     1.400
151      SRCPARAM VOL45        0.0001096182     5.000    12.977     1.400
152      SRCPARAM VOL46        0.0001096182     5.000    12.977     1.400
153      SRCPARAM VOL47        0.0001096182     5.000    12.977     1.400
154      SRCPARAM VOL48        0.0001096182     5.000    12.977     1.400
155      SRCPARAM VOL49        0.0001096182     5.000    12.977     1.400
156      SRCPARAM VOL50        0.0001096182     5.000    12.977     1.400
157      SRCPARAM VOL51        0.0001096182     5.000    12.977     1.400
158      SRCPARAM VOL52        0.0001096182     5.000    12.977     1.400
159      SRCPARAM VOL53        0.0001096182     5.000    12.977     1.400
160      SRCPARAM VOL54        0.0001096182     5.000    12.977     1.400
161      SRCPARAM VOL55        0.0001096182     5.000    12.977     1.400
162      SRCPARAM VOL56        0.0001096182     5.000    12.977     1.400
163      SRCPARAM VOL57        0.0001096182     5.000    12.977     1.400
164      SRCPARAM VOL58        0.0001096182     5.000    12.977     1.400
165      SRCPARAM VOL59        0.0001096182     5.000    12.977     1.400
166      SRCPARAM VOL60        0.0001096182     5.000    12.977     1.400
167      SRCPARAM VOL61        0.0001096182     5.000    12.977     1.400
168      SRCPARAM VOL62        0.0001096182     5.000    12.977     1.400
169      SRCPARAM VOL63        0.0001096182     5.000    12.977     1.400
170      SRCPARAM VOL64        0.0001096182     5.000    12.977     1.400
171      SRCPARAM VOL65        0.0001096182     5.000    12.977     1.400
172      SRCPARAM VOL66        0.0001096182     5.000    12.977     1.400
173      SRCPARAM VOL67        0.0001096182     5.000    12.977     1.400
174      SRCPARAM VOL68        0.0001096182     5.000    12.977     1.400
175      URBANSRC ALL
176      SRCGROUP ALL
177   SO FINISHED
178   **
179   ****************************************
180   ** AERMOD Receptor Pathway
181   ****************************************
182   **
183   **
184   RE STARTING
185      INCLUDED "16568-04 Ops PM10.rou"
186   RE FINISHED
187   **
188   ****************************************
189   ** AERMOD Meteorology Pathway
190   ****************************************
191   **
192   **
193   ME STARTING
194      SURFFILE ..\PERI_V11_trimmed.sfc
195      PROFFILE ..\PERI_V11_trimmed.PFL
196      SURFDATA 3171 2016
197      UAIRDATA 3190 2016
```

```
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "16568-04 OPS PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "16568-04 Ops PM10.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     199       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
 used           0.50
 ME W187     199       MEOPEN: ADJ_U* Option for Stable Low Winds used in
 AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 16:41:14

                              PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
```

```
257         * Model Uses URBAN Dispersion Algorithm for the SBL for    68 Source(s),
258           for Total of    1 Urban Area(s):
259       Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
260          * Urban Roughness Length of 1.0 Meter Used.
261          * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
262          * CCVR_Sub - Meteorological data includes CCVR substitutions
263          * TEMP_Sub - Meteorological data includes TEMP substitutions
264          * Model Accepts FLAGPOLE Receptor . Heights.
265          * The User Specified a Pollutant Type of: PM_10
266
267    **Model Calculates  1 Short Term Average(s) of:  24-HR
268
269    **This Run Includes:     68 Source(s);       1 Source Group(s); and      26 Receptor(s)
270
271                   with:      0 POINT(s), including
272                              0 POINTCAP(s) and      0 POINTHOR(s)
273                    and:     68 VOLUME source(s)
274                    and:      0 AREA type source(s)
275                    and:      0 LINE source(s)
276                    and:      0 RLINE/RLINEXT source(s)
277                    and:      0 OPENPIT source(s)
278                    and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
279                    and:      0 SWPOINT source(s)
280
281
282    **Model Set To Continue RUNning After the Setup Testing.
283
284    **The AERMET Input Meteorological Data Version Date:  22112
285
286    **Output Options Selected:
287             Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
                Keyword)
288             Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
289             Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
290
291    **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
292                                                                    m for Missing Hours
293                                                                    b for Both Calm and
                                                                       Missing Hours
294
295    **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef.
       =    0.000     ;  Rot. Angle =     0.0
296                     Emission Units = GRAMS/SEC                                ;  Emission
                        Rate Unit Factor =   0.10000E+07
297                     Output Units   = MICROGRAMS/M**3
298
299    **Approximate Storage Requirements of Model =      3.5 MB of RAM.
300
301    **Input Runstream File:
       aermod.inp

302    **Output Print File:
       aermod.out

303
304    **Detailed Error/Message File:   16568-04 Ops
       PM10.err
305    **File for Summary of Results:   16568-04 Ops
       PM10.sum
306    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
307    *** AERMET - VERSION  22112 ***
       ***                                                              ***
       16:41:14
308
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER INIT. PART. CATS.	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	AIRCRAFT Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ (METERS)
VOL1	0	YES	NO	0.10962E-03	482910.1	3733440.9	435.4	5.00	12.98	1.40
VOL2	0	YES	NO	0.10962E-03	482959.1	3733440.6	435.6	5.00	12.98	1.40
VOL3	0	YES	NO	0.10962E-03	483007.3	3733440.8	435.7	5.00	12.98	1.40
VOL4	0	YES	NO	0.10962E-03	483054.8	3733440.7	435.8	5.00	12.98	1.40
VOL5	0	YES	NO	0.10962E-03	482910.1	3733391.2	435.5	5.00	12.98	1.40
VOL6	0	YES	NO	0.10962E-03	482959.1	3733390.8	435.5	5.00	12.98	1.40
VOL7	0	YES	NO	0.10962E-03	483007.3	3733391.1	435.6	5.00	12.98	1.40
VOL8	0	YES	NO	0.10962E-03	483054.7	3733390.9	435.7	5.00	12.98	1.40
VOL9	0	YES	NO	0.10962E-03	483102.1	3733391.0	436.0	5.00	12.98	1.40
VOL10	0	YES	NO	0.10962E-03	483151.1	3733390.6	436.3	5.00	12.98	1.40
VOL11	0	YES	NO	0.10962E-03	483199.3	3733390.8	436.4	5.00	12.98	1.40
VOL12	0	YES	NO	0.10962E-03	483246.7	3733390.7	436.5	5.00	12.98	1.40
VOL13	0	YES	NO	0.10962E-03	482910.0	3733335.1	435.4	5.00	12.98	1.40
VOL14	0	YES	NO	0.10962E-03	482958.9	3733334.8	435.6	5.00	12.98	1.40
VOL15	0	YES	NO	0.10962E-03	483007.1	3733335.0	435.6	5.00	12.98	1.40
VOL16	0	YES	NO	0.10962E-03	483054.6	3733334.9	435.8	5.00	12.98	1.40
VOL17	0	YES	NO	0.10962E-03	483102.0	3733334.9	435.9	5.00	12.98	1.40
VOL18	0	YES	NO	0.10962E-03	483150.9	3733334.5	436.1	5.00	12.98	1.40
VOL19	0	YES	NO	0.10962E-03	483199.2	3733334.8	436.2	5.00	12.98	1.40
VOL20	0	YES	NO	0.10962E-03	483246.6	3733334.7	436.5	5.00	12.98	1.40
VOL21	0	YES	NO	0.10962E-03	482909.8	3733279.1	435.5	5.00	12.98	1.40
VOL22	0	YES	NO	0.10962E-03	482909.7	3733223.0	435.4	5.00	12.98	1.40
VOL23	0	YES	NO	0.10962E-03	482958.7	3733222.7	435.7	5.00	12.98	1.40
VOL24	0	YES	NO	0.10962E-03	482958.8	3733278.7	435.7	5.00	12.98	1.40
VOL25	0	YES	NO	0.10962E-03	483007.0	3733279.0	435.8	5.00	12.98	1.40
VOL26	0	YES	NO	0.10962E-03	483006.9	3733222.9	435.9	5.00	12.98	1.40

```
345    VOL27           0   0.10962E-03  483054.3 3733222.8   436.0     5.00    12.98
       1.40     YES                    NO
346    VOL28           0   0.10962E-03  483054.5 3733278.8   436.0     5.00    12.98
       1.40     YES                    NO
347    VOL29           0   0.10962E-03  483101.8 3733278.9   436.3     5.00    12.98
       1.40     YES                    NO
348    VOL30           0   0.10962E-03  483101.7 3733222.8   436.4     5.00    12.98
       1.40     YES                    NO
349    VOL31           0   0.10962E-03  483150.7 3733222.4   437.0     5.00    12.98
       1.40     YES                    NO
350    VOL32           0   0.10962E-03  483150.8 3733278.5   436.4     5.00    12.98
       1.40     YES                    NO
351    VOL33           0   0.10962E-03  483199.0 3733278.7   436.6     5.00    12.98
       1.40     YES                    NO
352    VOL34           0   0.10962E-03  483198.9 3733222.7   436.8     5.00    12.98
       1.40     YES                    NO
353    VOL35           0   0.10962E-03  483246.3 3733222.6   436.8     5.00    12.98
       1.40     YES                    NO
354    VOL36           0   0.10962E-03  483246.5 3733278.6   436.8     5.00    12.98
       1.40     YES                    NO
355    VOL37           0   0.10962E-03  482909.8 3733166.7   435.4     5.00    12.98
       1.40     YES                    NO
356    VOL38           0   0.10962E-03  482909.7 3733110.6   435.6     5.00    12.98
       1.40     YES                    NO
357    VOL39           0   0.10962E-03  482958.7 3733110.3   435.7     5.00    12.98
       1.40     YES                    NO
358    VOL40           0   0.10962E-03  482958.8 3733166.3   435.7     5.00    12.98
       1.40     YES                    NO
359    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
360     *** AERMET - VERSION  22112 ***
        ***                                                                ***
        16:41:14
361
                                  PAGE   3
362    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
363
364
365                                                  *** VOLUME SOURCE DATA ***
366
367                  NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
                     INIT.   URBAN  EMISSION RATE   AIRCRAFT
368      SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
         SZ     SOURCE  SCALAR VARY
369        ID          CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
           (METERS)              BY
370    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
371
372    VOL41           0   0.10962E-03  483007.0 3733166.6   435.9     5.00    12.98
       1.40     YES                    NO
373    VOL42           0   0.10962E-03  483006.9 3733110.5   435.8     5.00    12.98
       1.40     YES                    NO
374    VOL43           0   0.10962E-03  483054.3 3733110.4   435.9     5.00    12.98
       1.40     YES                    NO
375    VOL44           0   0.10962E-03  483054.5 3733166.4   436.0     5.00    12.98
       1.40     YES                    NO
376    VOL45           0   0.10962E-03  483101.8 3733166.5   436.3     5.00    12.98
       1.40     YES                    NO
377    VOL46           0   0.10962E-03  483101.7 3733110.4   436.0     5.00    12.98
       1.40     YES                    NO
378    VOL47           0   0.10962E-03  483150.7 3733110.0   436.1     5.00    12.98
       1.40     YES                    NO
379    VOL48           0   0.10962E-03  483150.8 3733166.1   436.7     5.00    12.98
       1.40     YES                    NO
380    VOL49           0   0.10962E-03  483199.0 3733166.3   436.6     5.00    12.98
```

```
      1.40     YES                    NO
381   VOL50            0   0.10962E-03  483198.9 3733110.3   436.2     5.00    12.98
      1.40     YES                    NO
382   VOL51            0   0.10962E-03  483246.3 3733110.2   436.4     5.00    12.98
      1.40     YES                    NO
383   VOL52            0   0.10962E-03  483246.5 3733166.2   436.5     5.00    12.98
      1.40     YES                    NO
384   VOL53            0   0.10962E-03  482910.4 3733084.2   435.6     5.00    12.98
      1.40     YES                    NO
385   VOL54            0   0.10962E-03  482910.3 3733028.2   435.7     5.00    12.98
      1.40     YES                    NO
386   VOL55            0   0.10962E-03  482959.3 3733027.8   435.8     5.00    12.98
      1.40     YES                    NO
387   VOL56            0   0.10962E-03  482959.4 3733083.9   435.8     5.00    12.98
      1.40     YES                    NO
388   VOL57            0   0.10962E-03  483007.6 3733084.1   435.8     5.00    12.98
      1.40     YES                    NO
389   VOL58            0   0.10962E-03  483007.5 3733028.1   435.9     5.00    12.98
      1.40     YES                    NO
390   VOL59            0   0.10962E-03  483054.9 3733027.9   435.9     5.00    12.98
      1.40     YES                    NO
391   VOL60            0   0.10962E-03  483055.1 3733084.0   435.9     5.00    12.98
      1.40     YES                    NO
392   VOL61            0   0.10962E-03  483102.5 3733084.0   436.0     5.00    12.98
      1.40     YES                    NO
393   VOL62            0   0.10962E-03  483102.3 3733028.0   436.1     5.00    12.98
      1.40     YES                    NO
394   VOL63            0   0.10962E-03  483151.3 3733027.6   436.1     5.00    12.98
      1.40     YES                    NO
395   VOL64            0   0.10962E-03  483151.4 3733083.6   436.1     5.00    12.98
      1.40     YES                    NO
396   VOL65            0   0.10962E-03  483199.6 3733083.9   436.2     5.00    12.98
      1.40     YES                    NO
397   VOL66            0   0.10962E-03  483199.5 3733027.9   436.2     5.00    12.98
      1.40     YES                    NO
398   VOL67            0   0.10962E-03  483247.0 3733027.7   436.4     5.00    12.98
      1.40     YES                    NO
399   VOL68            0   0.10962E-03  483247.1 3733083.8   436.4     5.00    12.98
      1.40     YES                    NO
400   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/06/25
401    *** AERMET - VERSION  22112 ***
       ***                                                                ***
       16:41:14
402
                                  PAGE   4
403    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
404
405
406                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
407
408    SRCGROUP ID                                          SOURCE IDs
409    -----------                                          ----------
410
411
412     ALL         VOL1         , VOL2         , VOL3         , VOL4         , VOL5         ,
       VOL6         , VOL7         , VOL8         ,
413
414                 VOL9         , VOL10        , VOL11        , VOL12        , VOL13        ,
                    VOL14        , VOL15        , VOL16        ,
415
416                 VOL17        , VOL18        , VOL19        , VOL20        , VOL21        ,
                    VOL22        , VOL23        , VOL24        ,
417
418                 VOL25        , VOL26        , VOL27        , VOL28        , VOL29        ,
                    VOL30        , VOL31        , VOL32        ,
```

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419
420                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                   VOL38       , VOL39       , VOL40       ,
421
422                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                   VOL46       , VOL47       , VOL48       ,
423
424                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                   VOL54       , VOL55       , VOL56       ,
425
426                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                   VOL62       , VOL63       , VOL64       ,
427
428                VOL65       , VOL66       , VOL67       , VOL68       ,
429   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
430    *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       16:41:14
431
                                  PAGE   5
432    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
433
434
435                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***
436
437     URBAN ID   URBAN POP                                    SOURCE IDs
438     --------   ---------                                    ----------
439
440
441                 2492442.   VOL1        , VOL2        , VOL3        , VOL4        ,
                    VOL5        , VOL6        , VOL7        ,
442    VOL8        ,
443
444                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                   VOL14       , VOL15       , VOL16       ,
445
446                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                   VOL22       , VOL23       , VOL24       ,
447
448                VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                   VOL30       , VOL31       , VOL32       ,
449
450                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                   VOL38       , VOL39       , VOL40       ,
451
452                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                   VOL46       , VOL47       , VOL48       ,
453
454                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                   VOL54       , VOL55       , VOL56       ,
455
456                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                   VOL62       , VOL63       , VOL64       ,
457
458                VOL65       , VOL66       , VOL67       , VOL68       ,
459   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
460    *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       16:41:14
461
                                  PAGE   6
462    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
463
464                                             *** DISCRETE CARTESIAN RECEPTORS ***
```

```
                                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                                (METERS)

     ( 483094.1, 3733555.8,     436.1,     436.1,       2.0);         ( 483302.2,
     3733579.2,     437.1,     437.1,       2.0);
     ( 483075.7, 3732849.8,     436.4,     436.4,       2.0);         ( 482867.4,
     3732844.3,     435.9,     435.9,       2.0);
     ( 483195.1, 3733503.4,     436.6,     436.6,       2.0);         ( 483154.5,
     3733554.2,     436.4,     436.4,       2.0);
     ( 483244.8, 3733552.8,     436.8,     436.8,       2.0);         ( 483175.0,
     3733572.0,     436.5,     436.5,       2.0);
     ( 483199.2, 3733572.8,     436.6,     436.6,       2.0);         ( 483176.8,
     3733587.4,     436.5,     436.5,       2.0);
     ( 483300.9, 3733610.1,     437.1,     437.1,       2.0);         ( 483364.9,
     3733616.6,     437.0,     437.0,       2.0);
     ( 483306.8, 3733710.6,     436.7,     436.7,       2.0);         ( 483365.8,
     3733685.7,     436.9,     436.9,       2.0);
     ( 483489.0, 3733628.9,     437.4,     437.4,       2.0);         ( 484157.2,
     3733885.8,     442.2,     442.2,       2.0);
     ( 483716.3, 3733023.0,     438.1,     438.1,       2.0);         ( 483726.5,
     3732835.3,     438.0,     438.0,       2.0);
     ( 483628.0, 3732848.9,     437.5,     437.5,       2.0);         ( 483310.6,
     3732784.0,     437.1,     437.1,       2.0);
     ( 482988.5, 3732811.0,     436.0,     436.0,       2.0);         ( 482965.3,
     3732850.8,     436.0,     436.0,       2.0);
     ( 482822.1, 3732840.0,     436.3,     436.3,       2.0);         ( 482867.9,
     3732831.2,     436.0,     436.0,       2.0);
     ( 482933.9, 3733606.2,     435.5,     435.5,       2.0);         ( 482853.7,
     3733596.1,     436.0,     436.0,       2.0);
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 16:41:14

                              PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
                                          PROCESSING ***
                                                          (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

                NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT
                IS INCLUDED IN THE DATA FILE.


                                     *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
                                     CATEGORIES ***
                                                     (METERS/SEC)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
..\PERI_V11_trimmed.sfc
Met Version: 22112
Profile file:
..\PERI_V11_trimmed.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2016 Year: 2016

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35					

```
      1.03   41.   11.6  289.9    5.4
540   16 01 01   1 17  -13.7  0.171 -9.000 -9.000 -999.  169.     32.1  0.04   0.53   0.63
      2.63   59.   11.6  287.2    5.4
541   16 01 01   1 18  -17.5  0.186 -9.000 -9.000 -999.  193.     38.2  0.04   0.53   1.00
      2.86   43.   11.6  284.7    5.4
542   16 01 01   1 19  -18.1  0.193 -9.000 -9.000 -999.  204.     41.1  0.06   0.53   1.00
      2.70   15.   11.6  283.9    5.4
543   16 01 01   1 20  -11.3  0.151 -9.000 -9.000 -999.  141.     26.4  0.06   0.53   1.00
      2.15   10.   11.6  283.3    5.4
544   16 01 01   1 21   -4.4  0.094 -9.000 -9.000 -999.   69.     16.1  0.06   0.53   1.00
      1.35   17.   11.6  283.0    5.4
545   16 01 01   1 22   -3.0  0.077 -9.000 -9.000 -999.   52.     13.5  0.04   0.53   1.00
      1.16   36.   11.6  282.6    5.4
546   16 01 01   1 23   -2.4  0.074 -9.000 -9.000 -999.   48.     14.3  0.06   0.53   1.00
      0.95  360.   11.6  281.7    5.4
547   16 01 01   1 24   -1.7  0.068 -9.000 -9.000 -999.   43.     15.7  0.06   0.53   1.00
      0.74  334.   11.6  280.6    5.4
548
549
550   First hour of profile data
551   YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
552   16 01 01 01    5.4 0 -999.  -99.00   279.8   99.0  -99.00  -99.00
553   16 01 01 01   11.6 1  342.    3.11  -999.0   99.0  -99.00  -99.00
554
555   F indicates top of profile (=1) or below (=0)
556   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
557   *** AERMET - VERSION  22112 ***
      ***                                                              ***
      16:41:14
558
                                  PAGE   9
559   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
560
561                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES
                                  FOR SOURCE GROUP:  ALL      ***
562                                   INCLUDING SOURCE(S):     VOL1        , VOL2        ,
                                      VOL3        , VOL4        , VOL5        ,
563                 VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
                    VOL11       , VOL12       , VOL13       ,
564                 VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
                    VOL19       , VOL20       , VOL21       ,
565                 VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
                    VOL27       , VOL28       ,  . . .      ,
566
567                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***
568
569                                     ** CONC OF PM_10    IN
                                        MICROGRAMS/M**3                          **
570
571         X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
            Y-COORD (M)        CONC     (YYMMDDHH)
572   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
573           483094.15   3733555.79        0.16333  (17010224)               483302.16
              3733579.24        0.10405  (17011924)
574           483075.66   3732849.84        0.17696  (17012924)               482867.38
              3732844.32        0.14607  (18011324)
575           483195.12   3733503.38        0.18840  (17010224)               483154.46
              3733554.20        0.14991  (17010224)
576           483244.78   3733552.84        0.12766  (17010224)               483174.96
              3733571.99        0.13225  (17010224)
577           483199.20   3733572.84        0.12667  (17010224)               483176.83
              3733587.41        0.12223  (17010224)
578           483300.88   3733610.12        0.09384  (17011924)               483364.94
              3733616.56        0.08477  (17011924)
```

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579          483306.81   3733710.62        0.06824  (17011924)                 483365.79
             3733685.70        0.07115  (17011924)
580          483488.99   3733628.93        0.06089  (17011924)                 484157.21
             3733885.83        0.02270c (20110824)
581          483716.28   3733023.00        0.04412  (16010524)                 483726.49
             3732835.33        0.04381  (16020124)
582          483627.97   3732848.86        0.05442  (16020124)                 483310.58
             3732784.00        0.14402  (17121724)
583          482988.51   3732811.05        0.14192  (18011324)                 482965.33
             3732850.79        0.16987  (18011324)
584          482822.09   3732840.02        0.12683  (18011324)                 482867.90
             3732831.19        0.13958  (18011324)
585          482933.91   3733606.17        0.11999  (18051124)                 482853.70
             3733596.13        0.10088  (20121224)
586  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
587   *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      16:41:14
588
                                PAGE  10
589   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
590
591                                              *** THE SUMMARY OF HIGHEST 24-HR RESULTS
                                                 ***
592
593
594                                    ** CONC OF PM_10    IN
                                       MICROGRAMS/M**3                          **
595
596
                                                        DATE

                                                          NETWORK
597  GROUP ID                              AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR,
     YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
598  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - - - -
599
600  ALL      HIGH   1ST HIGH VALUE IS       0.18840  ON 17010224: AT (  483195.12,
     3733503.38,   436.63,   436.63,    2.00)  DC
601
602
603   *** RECEPTOR TYPES:  GC = GRIDCART
604                        GP = GRIDPOLR
605                        DC = DISCCART
606                        DP = DISCPOLR
607  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
608   *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      16:41:14
609
                                PAGE  11
610   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
611
612   *** Message Summary : AERMOD Model Execution ***
613
614    --------- Summary of Total Messages --------
615
616   A Total of            0 Fatal Error Message(s)
617   A Total of           36 Warning Message(s)
618   A Total of          598 Informational Message(s)
619
620   A Total of        43848 Hours Were Processed
621
```

```
622   A Total of          227 Calm Hours Identified
623
624   A Total of          371 Missing Hours Identified (  0.85 Percent)
625
626
627      ******** FATAL ERROR MESSAGES ********
628                  ***  NONE  ***
629
630
631      ********   WARNING MESSAGES   ********
632   ME W186     199       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
      used           0.50
633   ME W187     199       MEOPEN: ADJ_U* Option for Stable Low Winds used in
      AERMET
634   CN W732    1752         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2016031324
635   CN W732    1776         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2016031424
636   CN W732    6216         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2016091524
637   CN W732    9960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2017021824
638   CN W732   11736         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2017050324
639   CN W732   19152         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018030824
640   CN W732   21192         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060124
641   CN W732   21216         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060224
642   CN W732   21240         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060324
643   CN W732   21264         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060424
644   CN W732   21288         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060524
645   CN W732   21312         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060624
646   CN W732   27960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2019031024
647   CN W732   31632         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2019081024
648   CN W732   36816         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020031324
649   CN W732   36840         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020031424
650   CN W732   36864         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020031524
651   CN W732   36888         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020031624
652   CN W732   37296         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020040224
653   CN W732   37320         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020040324
654   CN W732   37416         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020040724
655   CN W732   37728         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020042024
656   CN W732   41808         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020100724
657   CN W732   41880         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020101024
658   CN W732   42672         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020111224
659   CN W732   42816         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020111824
```

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660    CN W732   42864         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112024
661    CN W732   42888         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112124
662    CN W732   42912         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112224
663    CN W732   42936         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112324
664    CN W732   42960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112424
665    CN W732   42984         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112524
666    CN W732   43464         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020121524
667    CN W732   43608         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020122124
668
669       ************************************
670       *** AERMOD Finishes Successfully ***
671       ************************************
672
673
```

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 10/6/2025
** File: C:\Users\Michael Tirohn\Desktop\HRAs\16568 Heritage Valley\16568-04 Ops PM25\16568-04 Ops PM25.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568-
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 2492442 Riverside_County
   POLLUTID PM_2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL "16568-04 Ops PM25.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     482910.140  3733440.950      435.390
   LOCATION VOL2         VOLUME     482959.109  3733440.568      435.560
   LOCATION VOL3         VOLUME     483007.323  3733440.822      435.720
   LOCATION VOL4         VOLUME     483054.775  3733440.695      435.830
   LOCATION VOL5         VOLUME     482910.102  3733391.190      435.460
   LOCATION VOL6         VOLUME     482959.070  3733390.808      435.500
   LOCATION VOL7         VOLUME     483007.284  3733391.062      435.600
   LOCATION VOL8         VOLUME     483054.737  3733390.935      435.710
   LOCATION VOL9         VOLUME     483102.111  3733390.969      435.980
   LOCATION VOL10        VOLUME     483151.080  3733390.587      436.300
   LOCATION VOL11        VOLUME     483199.293  3733390.841      436.390
   LOCATION VOL12        VOLUME     483246.746  3733390.714      436.500
   LOCATION VOL13        VOLUME     482909.968  3733335.149      435.440
   LOCATION VOL14        VOLUME     482958.936  3733334.768      435.580
   LOCATION VOL15        VOLUME     483007.150  3733335.022      435.640
   LOCATION VOL16        VOLUME     483054.603  3733334.895      435.800
   LOCATION VOL17        VOLUME     483101.977  3733334.928      435.950
   LOCATION VOL18        VOLUME     483150.946  3733334.546      436.050
   LOCATION VOL19        VOLUME     483199.159  3733334.800      436.220
   LOCATION VOL20        VOLUME     483246.612  3733334.673      436.460
   LOCATION VOL21        VOLUME     482909.828  3733279.079      435.510
   LOCATION VOL22        VOLUME     482909.694  3733223.038      435.430
   LOCATION VOL23        VOLUME     482958.663  3733222.656      435.680
   LOCATION VOL24        VOLUME     482958.797  3733278.697      435.710
   LOCATION VOL25        VOLUME     483007.011  3733278.951      435.830
   LOCATION VOL26        VOLUME     483006.877  3733222.910      435.850
   LOCATION VOL27        VOLUME     483054.329  3733222.783      435.970
   LOCATION VOL28        VOLUME     483054.463  3733278.824      435.990
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     LOCATION VOL29        VOLUME     483101.837  3733278.857      436.300
     LOCATION VOL30        VOLUME     483101.703  3733222.817      436.370
     LOCATION VOL31        VOLUME     483150.672  3733222.435      437.040
     LOCATION VOL32        VOLUME     483150.806  3733278.476      436.450
     LOCATION VOL33        VOLUME     483199.020  3733278.729      436.610
     LOCATION VOL34        VOLUME     483198.886  3733222.689      436.840
     LOCATION VOL35        VOLUME     483246.338  3733222.562      436.760
     LOCATION VOL36        VOLUME     483246.472  3733278.602      436.770
     LOCATION VOL37        VOLUME     482909.828  3733166.682      435.430
     LOCATION VOL38        VOLUME     482909.694  3733110.641      435.550
     LOCATION VOL39        VOLUME     482958.663  3733110.260      435.740
     LOCATION VOL40        VOLUME     482958.797  3733166.300      435.660
     LOCATION VOL41        VOLUME     483007.011  3733166.554      435.850
     LOCATION VOL42        VOLUME     483006.877  3733110.513      435.790
     LOCATION VOL43        VOLUME     483054.329  3733110.386      435.910
     LOCATION VOL44        VOLUME     483054.463  3733166.427      436.030
     LOCATION VOL45        VOLUME     483101.837  3733166.460      436.310
     LOCATION VOL46        VOLUME     483101.703  3733110.420      436.000
     LOCATION VOL47        VOLUME     483150.672  3733110.038      436.080
     LOCATION VOL48        VOLUME     483150.806  3733166.079      436.710
     LOCATION VOL49        VOLUME     483199.020  3733166.332      436.570
     LOCATION VOL50        VOLUME     483198.886  3733110.292      436.180
     LOCATION VOL51        VOLUME     483246.338  3733110.165      436.350
     LOCATION VOL52        VOLUME     483246.472  3733166.205      436.530
     LOCATION VOL53        VOLUME     482910.448  3733084.243      435.600
     LOCATION VOL54        VOLUME     482910.314  3733028.203      435.660
     LOCATION VOL55        VOLUME     482959.283  3733027.821      435.800
     LOCATION VOL56        VOLUME     482959.417  3733083.862      435.780
     LOCATION VOL57        VOLUME     483007.630  3733084.116      435.820
     LOCATION VOL58        VOLUME     483007.496  3733028.075      435.880
     LOCATION VOL59        VOLUME     483054.949  3733027.948      435.950
     LOCATION VOL60        VOLUME     483055.083  3733083.989      435.900
     LOCATION VOL61        VOLUME     483102.457  3733084.022      435.990
     LOCATION VOL62        VOLUME     483102.323  3733027.981      436.060
     LOCATION VOL63        VOLUME     483151.292  3733027.600      436.130
     LOCATION VOL64        VOLUME     483151.426  3733083.640      436.070
     LOCATION VOL65        VOLUME     483199.640  3733083.894      436.180
     LOCATION VOL66        VOLUME     483199.506  3733027.854      436.240
     LOCATION VOL67        VOLUME     483246.958  3733027.727      436.440
     LOCATION VOL68        VOLUME     483247.092  3733083.767      436.350
** Source Parameters **
     SRCPARAM VOL1         0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL2         0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL3         0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL4         0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL5         0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL6         0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL7         0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL8         0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL9         0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL10        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL11        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL12        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL13        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL14        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL15        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL16        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL17        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL18        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL19        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL20        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL21        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL22        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL23        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL24        0.0000529191     5.000    12.977     1.400
     SRCPARAM VOL25        0.0000529191     5.000    12.977     1.400
```

```
    SRCPARAM VOL26        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL27        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL28        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL29        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL30        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL31        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL32        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL33        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL34        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL35        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL36        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL37        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL38        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL39        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL40        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL41        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL42        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL43        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL44        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL45        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL46        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL47        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL48        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL49        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL50        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL51        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL52        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL53        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL54        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL55        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL56        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL57        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL58        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL59        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL60        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL61        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL62        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL63        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL64        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL65        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL66        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL67        0.0000529191     5.000    12.977     1.400
    SRCPARAM VOL68        0.0000529191     5.000    12.977     1.400
    URBANSRC ALL
    SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
    INCLUDED "16568-04 Ops PM25.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
    SURFFILE ..\PERI_V11_trimmed.sfc
    PROFFILE ..\PERI_V11_trimmed.PFL
    SURFDATA 3171 2016
    UAIRDATA 3190 2016
```

```
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "16568-04 OPS PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "16568-04 Ops PM25.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     199       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
 used           0.50
 ME W187     199       MEOPEN: ADJ_U* Option for Stable Low Winds used in
 AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 16:48:48

                              PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
```

```
257         * Model Uses URBAN Dispersion Algorithm for the SBL for    68 Source(s),
258           for Total of    1 Urban Area(s):
259       Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
260          * Urban Roughness Length of 1.0 Meter Used.
261          * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
262          * CCVR_Sub - Meteorological data includes CCVR substitutions
263          * TEMP_Sub - Meteorological data includes TEMP substitutions
264          * Model Accepts FLAGPOLE Receptor . Heights.
265          * The User Specified a Pollutant Type of: PM_2.5
266
267    **Model Calculates  1 Short Term Average(s) of:  24-HR
268
269    **This Run Includes:     68 Source(s);       1 Source Group(s); and      26 Receptor(s)
270
271                   with:      0 POINT(s), including
272                              0 POINTCAP(s) and      0 POINTHOR(s)
273                    and:     68 VOLUME source(s)
274                    and:      0 AREA type source(s)
275                    and:      0 LINE source(s)
276                    and:      0 RLINE/RLINEXT source(s)
277                    and:      0 OPENPIT source(s)
278                    and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
279                    and:      0 SWPOINT source(s)
280
281
282    **Model Set To Continue RUNning After the Setup Testing.
283
284    **The AERMET Input Meteorological Data Version Date:  22112
285
286    **Output Options Selected:
287             Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
                Keyword)
288             Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
289             Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
290
291    **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
292                                                                    m for Missing Hours
293                                                                    b for Both Calm and
                                                                       Missing Hours
294
295    **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef.
       =    0.000     ;  Rot. Angle =     0.0
296                      Emission Units = GRAMS/SEC                                ;  Emission
                         Rate Unit Factor =   0.10000E+07
297                      Output Units   = MICROGRAMS/M**3
298
299    **Approximate Storage Requirements of Model =      3.5 MB of RAM.
300
301    **Input Runstream File:
       aermod.inp

302    **Output Print File:
       aermod.out

303
304    **Detailed Error/Message File:   16568-04 Ops
       PM25.err
305    **File for Summary of Results:   16568-04 Ops
       PM25.sum
306    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
307    *** AERMET - VERSION  22112 ***
       ***                                                              ***
       16:48:48
308
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER INIT. PART. CATS.	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	BASE HEIGHT (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ
VOL1	0	YES	NO	0.52919E-04	482910.1	3733440.9	435.4	5.00	12.98	1.40	
VOL2	0	YES	NO	0.52919E-04	482959.1	3733440.6	435.6	5.00	12.98	1.40	
VOL3	0	YES	NO	0.52919E-04	483007.3	3733440.8	435.7	5.00	12.98	1.40	
VOL4	0	YES	NO	0.52919E-04	483054.8	3733440.7	435.8	5.00	12.98	1.40	
VOL5	0	YES	NO	0.52919E-04	482910.1	3733391.2	435.5	5.00	12.98	1.40	
VOL6	0	YES	NO	0.52919E-04	482959.1	3733390.8	435.5	5.00	12.98	1.40	
VOL7	0	YES	NO	0.52919E-04	483007.3	3733391.1	435.6	5.00	12.98	1.40	
VOL8	0	YES	NO	0.52919E-04	483054.7	3733390.9	435.7	5.00	12.98	1.40	
VOL9	0	YES	NO	0.52919E-04	483102.1	3733391.0	436.0	5.00	12.98	1.40	
VOL10	0	YES	NO	0.52919E-04	483151.1	3733390.6	436.3	5.00	12.98	1.40	
VOL11	0	YES	NO	0.52919E-04	483199.3	3733390.8	436.4	5.00	12.98	1.40	
VOL12	0	YES	NO	0.52919E-04	483246.7	3733390.7	436.5	5.00	12.98	1.40	
VOL13	0	YES	NO	0.52919E-04	482910.0	3733335.1	435.4	5.00	12.98	1.40	
VOL14	0	YES	NO	0.52919E-04	482958.9	3733334.8	435.6	5.00	12.98	1.40	
VOL15	0	YES	NO	0.52919E-04	483007.1	3733335.0	435.6	5.00	12.98	1.40	
VOL16	0	YES	NO	0.52919E-04	483054.6	3733334.9	435.8	5.00	12.98	1.40	
VOL17	0	YES	NO	0.52919E-04	483102.0	3733334.9	435.9	5.00	12.98	1.40	
VOL18	0	YES	NO	0.52919E-04	483150.9	3733334.5	436.1	5.00	12.98	1.40	
VOL19	0	YES	NO	0.52919E-04	483199.2	3733334.8	436.2	5.00	12.98	1.40	
VOL20	0	YES	NO	0.52919E-04	483246.6	3733334.7	436.5	5.00	12.98	1.40	
VOL21	0	YES	NO	0.52919E-04	482909.8	3733279.1	435.5	5.00	12.98	1.40	
VOL22	0	YES	NO	0.52919E-04	482909.7	3733223.0	435.4	5.00	12.98	1.40	
VOL23	0	YES	NO	0.52919E-04	482958.7	3733222.7	435.7	5.00	12.98	1.40	
VOL24	0	YES	NO	0.52919E-04	482958.8	3733278.7	435.7	5.00	12.98	1.40	
VOL25	0	YES	NO	0.52919E-04	483007.0	3733279.0	435.8	5.00	12.98	1.40	
VOL26	0	YES	NO	0.52919E-04	483006.9	3733222.9	435.9	5.00	12.98	1.40	

```
345    VOL27           0   0.52919E-04  483054.3 3733222.8   436.0     5.00    12.98
       1.40     YES                   NO
346    VOL28           0   0.52919E-04  483054.5 3733278.8   436.0     5.00    12.98
       1.40     YES                   NO
347    VOL29           0   0.52919E-04  483101.8 3733278.9   436.3     5.00    12.98
       1.40     YES                   NO
348    VOL30           0   0.52919E-04  483101.7 3733222.8   436.4     5.00    12.98
       1.40     YES                   NO
349    VOL31           0   0.52919E-04  483150.7 3733222.4   437.0     5.00    12.98
       1.40     YES                   NO
350    VOL32           0   0.52919E-04  483150.8 3733278.5   436.4     5.00    12.98
       1.40     YES                   NO
351    VOL33           0   0.52919E-04  483199.0 3733278.7   436.6     5.00    12.98
       1.40     YES                   NO
352    VOL34           0   0.52919E-04  483198.9 3733222.7   436.8     5.00    12.98
       1.40     YES                   NO
353    VOL35           0   0.52919E-04  483246.3 3733222.6   436.8     5.00    12.98
       1.40     YES                   NO
354    VOL36           0   0.52919E-04  483246.5 3733278.6   436.8     5.00    12.98
       1.40     YES                   NO
355    VOL37           0   0.52919E-04  482909.8 3733166.7   435.4     5.00    12.98
       1.40     YES                   NO
356    VOL38           0   0.52919E-04  482909.7 3733110.6   435.6     5.00    12.98
       1.40     YES                   NO
357    VOL39           0   0.52919E-04  482958.7 3733110.3   435.7     5.00    12.98
       1.40     YES                   NO
358    VOL40           0   0.52919E-04  482958.8 3733166.3   435.7     5.00    12.98
       1.40     YES                   NO
359    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
360     *** AERMET - VERSION  22112 ***
        ***                                                                ***
        16:48:48
361
                                  PAGE   3
362    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
363
364
365                                                  *** VOLUME SOURCE DATA ***
366
367                  NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                     INIT.   URBAN  EMISSION RATE   AIRCRAFT
368      SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
         SZ     SOURCE  SCALAR VARY
369        ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
           (METERS)              BY
370    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
371
372    VOL41           0   0.52919E-04  483007.0 3733166.6   435.9     5.00    12.98
       1.40     YES                   NO
373    VOL42           0   0.52919E-04  483006.9 3733110.5   435.8     5.00    12.98
       1.40     YES                   NO
374    VOL43           0   0.52919E-04  483054.3 3733110.4   435.9     5.00    12.98
       1.40     YES                   NO
375    VOL44           0   0.52919E-04  483054.5 3733166.4   436.0     5.00    12.98
       1.40     YES                   NO
376    VOL45           0   0.52919E-04  483101.8 3733166.5   436.3     5.00    12.98
       1.40     YES                   NO
377    VOL46           0   0.52919E-04  483101.7 3733110.4   436.0     5.00    12.98
       1.40     YES                   NO
378    VOL47           0   0.52919E-04  483150.7 3733110.0   436.1     5.00    12.98
       1.40     YES                   NO
379    VOL48           0   0.52919E-04  483150.8 3733166.1   436.7     5.00    12.98
       1.40     YES                   NO
380    VOL49           0   0.52919E-04  483199.0 3733166.3   436.6     5.00    12.98
```

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      1.40     YES                    NO
381   VOL50            0   0.52919E-04  483198.9 3733110.3   436.2     5.00    12.98
      1.40     YES                    NO
382   VOL51            0   0.52919E-04  483246.3 3733110.2   436.4     5.00    12.98
      1.40     YES                    NO
383   VOL52            0   0.52919E-04  483246.5 3733166.2   436.5     5.00    12.98
      1.40     YES                    NO
384   VOL53            0   0.52919E-04  482910.4 3733084.2   435.6     5.00    12.98
      1.40     YES                    NO
385   VOL54            0   0.52919E-04  482910.3 3733028.2   435.7     5.00    12.98
      1.40     YES                    NO
386   VOL55            0   0.52919E-04  482959.3 3733027.8   435.8     5.00    12.98
      1.40     YES                    NO
387   VOL56            0   0.52919E-04  482959.4 3733083.9   435.8     5.00    12.98
      1.40     YES                    NO
388   VOL57            0   0.52919E-04  483007.6 3733084.1   435.8     5.00    12.98
      1.40     YES                    NO
389   VOL58            0   0.52919E-04  483007.5 3733028.1   435.9     5.00    12.98
      1.40     YES                    NO
390   VOL59            0   0.52919E-04  483054.9 3733027.9   435.9     5.00    12.98
      1.40     YES                    NO
391   VOL60            0   0.52919E-04  483055.1 3733084.0   435.9     5.00    12.98
      1.40     YES                    NO
392   VOL61            0   0.52919E-04  483102.5 3733084.0   436.0     5.00    12.98
      1.40     YES                    NO
393   VOL62            0   0.52919E-04  483102.3 3733028.0   436.1     5.00    12.98
      1.40     YES                    NO
394   VOL63            0   0.52919E-04  483151.3 3733027.6   436.1     5.00    12.98
      1.40     YES                    NO
395   VOL64            0   0.52919E-04  483151.4 3733083.6   436.1     5.00    12.98
      1.40     YES                    NO
396   VOL65            0   0.52919E-04  483199.6 3733083.9   436.2     5.00    12.98
      1.40     YES                    NO
397   VOL66            0   0.52919E-04  483199.5 3733027.9   436.2     5.00    12.98
      1.40     YES                    NO
398   VOL67            0   0.52919E-04  483247.0 3733027.7   436.4     5.00    12.98
      1.40     YES                    NO
399   VOL68            0   0.52919E-04  483247.1 3733083.8   436.4     5.00    12.98
      1.40     YES                    NO
400   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/06/25
401    *** AERMET - VERSION  22112 ***
       ***                                                                ***
       16:48:48
402
                                  PAGE   4
403    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
404
405
406                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
407
408    SRCGROUP ID                                          SOURCE IDs
409    -----------                                          ----------
410
411
412     ALL         VOL1         , VOL2         , VOL3         , VOL4         , VOL5         ,
       VOL6         , VOL7         , VOL8         ,
413
414                 VOL9         , VOL10        , VOL11        , VOL12        , VOL13        ,
                    VOL14        , VOL15        , VOL16        ,
415
416                 VOL17        , VOL18        , VOL19        , VOL20        , VOL21        ,
                    VOL22        , VOL23        , VOL24        ,
417
418                 VOL25        , VOL26        , VOL27        , VOL28        , VOL29        ,
                    VOL30        , VOL31        , VOL32        ,
```

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419
420                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                   VOL38       , VOL39       , VOL40       ,
421
422                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                   VOL46       , VOL47       , VOL48       ,
423
424                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                   VOL54       , VOL55       , VOL56       ,
425
426                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                   VOL62       , VOL63       , VOL64       ,
427
428                VOL65       , VOL66       , VOL67       , VOL68       ,
429   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
430    *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       16:48:48
431
                                  PAGE   5
432    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
433
434
435                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***
436
437     URBAN ID   URBAN POP                                    SOURCE IDs
438     --------   ---------                                    ----------
439
440
441                 2492442.   VOL1        , VOL2        , VOL3        , VOL4        ,
                    VOL5        , VOL6        , VOL7        ,
442    VOL8        ,
443
444                VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
                   VOL14       , VOL15       , VOL16       ,
445
446                VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
                   VOL22       , VOL23       , VOL24       ,
447
448                VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
                   VOL30       , VOL31       , VOL32       ,
449
450                VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
                   VOL38       , VOL39       , VOL40       ,
451
452                VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
                   VOL46       , VOL47       , VOL48       ,
453
454                VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                   VOL54       , VOL55       , VOL56       ,
455
456                VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                   VOL62       , VOL63       , VOL64       ,
457
458                VOL65       , VOL66       , VOL67       , VOL68       ,
459   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
460    *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       16:48:48
461
                                  PAGE   6
462    *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
463
464                                             *** DISCRETE CARTESIAN RECEPTORS ***
```

```
                                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                                (METERS)

     ( 483094.1, 3733555.8,     436.1,     436.1,       2.0);         ( 483302.2,
     3733579.2,     437.1,     437.1,       2.0);
     ( 483075.7, 3732849.8,     436.4,     436.4,       2.0);         ( 482867.4,
     3732844.3,     435.9,     435.9,       2.0);
     ( 483195.1, 3733503.4,     436.6,     436.6,       2.0);         ( 483154.5,
     3733554.2,     436.4,     436.4,       2.0);
     ( 483244.8, 3733552.8,     436.8,     436.8,       2.0);         ( 483175.0,
     3733572.0,     436.5,     436.5,       2.0);
     ( 483199.2, 3733572.8,     436.6,     436.6,       2.0);         ( 483176.8,
     3733587.4,     436.5,     436.5,       2.0);
     ( 483300.9, 3733610.1,     437.1,     437.1,       2.0);         ( 483364.9,
     3733616.6,     437.0,     437.0,       2.0);
     ( 483306.8, 3733710.6,     436.7,     436.7,       2.0);         ( 483365.8,
     3733685.7,     436.9,     436.9,       2.0);
     ( 483489.0, 3733628.9,     437.4,     437.4,       2.0);         ( 484157.2,
     3733885.8,     442.2,     442.2,       2.0);
     ( 483716.3, 3733023.0,     438.1,     438.1,       2.0);         ( 483726.5,
     3732835.3,     438.0,     438.0,       2.0);
     ( 483628.0, 3732848.9,     437.5,     437.5,       2.0);         ( 483310.6,
     3732784.0,     437.1,     437.1,       2.0);
     ( 482988.5, 3732811.0,     436.0,     436.0,       2.0);         ( 482965.3,
     3732850.8,     436.0,     436.0,       2.0);
     ( 482822.1, 3732840.0,     436.3,     436.3,       2.0);         ( 482867.9,
     3732831.2,     436.0,     436.0,       2.0);
     ( 482933.9, 3733606.2,     435.5,     435.5,       2.0);         ( 482853.7,
     3733596.1,     436.0,     436.0,       2.0);
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 16:48:48

                              PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
                                          PROCESSING ***
                                                          (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
            1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

                NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT
                IS INCLUDED IN THE DATA FILE.


                                     *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
                                     CATEGORIES ***
                                                          (METERS/SEC)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
..\PERI_V11_trimmed.sfc
Met Version: 22112
Profile file:
..\PERI_V11_trimmed.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2016 Year: 2016

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35					

```
      1.03   41.   11.6  289.9    5.4
540   16 01 01   1 17  -13.7  0.171 -9.000 -9.000 -999.  169.     32.1  0.04   0.53   0.63
      2.63   59.   11.6  287.2    5.4
541   16 01 01   1 18  -17.5  0.186 -9.000 -9.000 -999.  193.     38.2  0.04   0.53   1.00
      2.86   43.   11.6  284.7    5.4
542   16 01 01   1 19  -18.1  0.193 -9.000 -9.000 -999.  204.     41.1  0.06   0.53   1.00
      2.70   15.   11.6  283.9    5.4
543   16 01 01   1 20  -11.3  0.151 -9.000 -9.000 -999.  141.     26.4  0.06   0.53   1.00
      2.15   10.   11.6  283.3    5.4
544   16 01 01   1 21   -4.4  0.094 -9.000 -9.000 -999.   69.     16.1  0.06   0.53   1.00
      1.35   17.   11.6  283.0    5.4
545   16 01 01   1 22   -3.0  0.077 -9.000 -9.000 -999.   52.     13.5  0.04   0.53   1.00
      1.16   36.   11.6  282.6    5.4
546   16 01 01   1 23   -2.4  0.074 -9.000 -9.000 -999.   48.     14.3  0.06   0.53   1.00
      0.95  360.   11.6  281.7    5.4
547   16 01 01   1 24   -1.7  0.068 -9.000 -9.000 -999.   43.     15.7  0.06   0.53   1.00
      0.74  334.   11.6  280.6    5.4
548
549
550   First hour of profile data
551   YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
552   16 01 01 01    5.4 0 -999.  -99.00   279.8   99.0  -99.00  -99.00
553   16 01 01 01   11.6 1  342.    3.11  -999.0   99.0  -99.00  -99.00
554
555   F indicates top of profile (=1) or below (=0)
556   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
557    *** AERMET - VERSION  22112 ***
       ***                                                              ***
       16:48:48
558
                                  PAGE   9
559   *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
560
561                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES
                                  FOR SOURCE GROUP:  ALL      ***
562                                   INCLUDING SOURCE(S):     VOL1        , VOL2        ,
                                      VOL3        , VOL4        , VOL5        ,
563                 VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
                    VOL11       , VOL12       , VOL13       ,
564                 VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
                    VOL19       , VOL20       , VOL21       ,
565                 VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
                    VOL27       , VOL28       ,  . . .      ,
566
567                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***
568
569                                     ** CONC OF PM_2.5   IN
                                        MICROGRAMS/M**3                          **
570
571         X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
            Y-COORD (M)        CONC     (YYMMDDHH)
572   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
573           483094.15   3733555.79        0.07885  (17010224)               483302.16
              3733579.24        0.05023  (17011924)
574           483075.66   3732849.84        0.08543  (17012924)               482867.38
              3732844.32        0.07052  (18011324)
575           483195.12   3733503.38        0.09095  (17010224)               483154.46
              3733554.20        0.07237  (17010224)
576           483244.78   3733552.84        0.06163  (17010224)               483174.96
              3733571.99        0.06385  (17010224)
577           483199.20   3733572.84        0.06115  (17010224)               483176.83
              3733587.41        0.05901  (17010224)
578           483300.88   3733610.12        0.04530  (17011924)               483364.94
              3733616.56        0.04092  (17011924)
```

```
          483306.81   3733710.62        0.03294  (17011924)                 483365.79
          3733685.70        0.03435  (17011924)
          483488.99   3733628.93        0.02940  (17011924)                 484157.21
          3733885.83        0.01096c (20110824)
          483716.28   3733023.00        0.02130  (16010524)                 483726.49
          3732835.33        0.02115  (16020124)
          483627.97   3732848.86        0.02627  (16020124)                 483310.58
          3732784.00        0.06953  (17121724)
          482988.51   3732811.05        0.06851  (18011324)                 482965.33
          3732850.79        0.08201  (18011324)
          482822.09   3732840.02        0.06123  (18011324)                 482867.90
          3732831.19        0.06738  (18011324)
          482933.91   3733606.17        0.05792  (18051124)                 482853.70
          3733596.13        0.04870  (20121224)
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 16:48:48

                              PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS
                                          ***


                                  ** CONC OF PM_2.5   IN
                                  MICROGRAMS/M**3                          **


                                                      DATE

                                                        NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR,
YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.09095  ON 17010224: AT (  483195.12,
3733503.38,   436.63,   436.63,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/06/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 16:48:48

                              PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of           36 Warning Message(s)
 A Total of          598 Informational Message(s)

 A Total of        43848 Hours Were Processed
```

```
622   A Total of          227 Calm Hours Identified
623
624   A Total of          371 Missing Hours Identified (  0.85 Percent)
625
626
627      ******** FATAL ERROR MESSAGES ********
628                  ***  NONE  ***
629
630
631      ********   WARNING MESSAGES   ********
632   ME W186     199       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
      used           0.50
633   ME W187     199       MEOPEN: ADJ_U* Option for Stable Low Winds used in
      AERMET
634   CN W732    1752         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2016031324
635   CN W732    1776         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2016031424
636   CN W732    6216         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2016091524
637   CN W732    9960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2017021824
638   CN W732   11736         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2017050324
639   CN W732   19152         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018030824
640   CN W732   21192         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060124
641   CN W732   21216         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060224
642   CN W732   21240         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060324
643   CN W732   21264         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060424
644   CN W732   21288         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060524
645   CN W732   21312         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2018060624
646   CN W732   27960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2019031024
647   CN W732   31632         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2019081024
648   CN W732   36816         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020031324
649   CN W732   36840         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020031424
650   CN W732   36864         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020031524
651   CN W732   36888         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020031624
652   CN W732   37296         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020040224
653   CN W732   37320         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020040324
654   CN W732   37416         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020040724
655   CN W732   37728         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020042024
656   CN W732   41808         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020100724
657   CN W732   41880         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020101024
658   CN W732   42672         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020111224
659   CN W732   42816         AVER: 24-hr avg, < 18 hours of data, calms policy used.
      2020111824
```

```
660    CN W732   42864         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112024
661    CN W732   42888         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112124
662    CN W732   42912         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112224
663    CN W732   42936         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112324
664    CN W732   42960         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112424
665    CN W732   42984         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020112524
666    CN W732   43464         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020121524
667    CN W732   43608         AVER: 24-hr avg, < 18 hours of data, calms policy used.
       2020122124
668
669       ************************************
670       *** AERMOD Finishes Successfully ***
671       ************************************
672
673
```

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APPENDIX B2

CONSTRUCTION AND OPERATIONAL HEALTH RISK ASSESSMENT

HERITAGE VALLEY BUSINESS CENTER

CONSTRUCTION AND OPERATIONAL HEALTH RISK ASSESSMENT

Prepared By:

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Reference Number
16568-02 HRA Report

Agency
City of Menifee

Date
October 22, 2025

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LIST OF ABBREVIATED TERMS

(1)	Reference
%	Percent
µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AQIA	Heritage Valley Business Center Air Quality Impact Analysis
ASF	Age Sensitivity Factor
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EMFAC	Emission Factor Model
EPA	Environmental Protection Agency
FAH	Fraction of Time at Home
HI	Hazard Index
HRA	Health Risk Assessment
MEIR	Maximally Exposed Individual Receptor
MEIW	Maximally Exposed Individual Worker
MEISC	Maximally Exposed Individual School Child
NAD	North American Datum
OEHHA	Office of Environmental Health Hazard Assessment
PM_{10}	Particulate Matter 10 microns in diameter or less
Project	Heritage Valley Business Center
REL	Reference Exposure Level
SCAQMD	South Coast Air Quality Management District
TAC	Toxic Air Contaminant
TRU	Transport Refrigeration Unit
U.S.	United States
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

EXECUTIVE SUMMARY

This report evaluates the potential health risk impacts to sensitive receptors (which are residents) and adjacent workers associated with the development of the Project, more specifically, health risk impacts as a result of exposure to Toxic Air Contaminants (TACs) including diesel particulate matter (DPM) as a result of heavy-duty diesel trucks and equipment associated with on-site and off-site construction and operational activity. This section summarizes the significance criteria and Project health risks. The results of the health risk assessment from Project-generated DPM emissions are provided in Tables ES-1, ES-2, and ES-3.

ES.1 PROJECT MITIGATION MEASURES

The results of the HRA demonstrate that the Project would not result in a significant health risk impact during construction of operations. Therefore, no mitigation measures are required for HRA purposes.

ES.2 CONSTRUCTION IMPACTS

Residential Exposure Scenario

At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 3.71 in one million. As such, cancer risks at the MEIR associated with the Project are less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable threshold of 1.0. The MEIR would experience the highest concentrations of DPM during Project construction due to its location and meteorological conditions at the site. Because all other modeled receptors would experience lower concentrations of DPM during Project construction, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location.

Worker Exposure Scenario[1]

At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.01 in one million. Cancer risks at the MEIW are less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0. As such, based on the previous discussion, cancer and non-cancer risks would be less than significant and no mitigation is required. All other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less

[1] SCAQMD guidance does not require assessment of the potential health risk to on-site workers. Excerpts from the document OEHHA Air Toxics Hot Spots Program Risk Assessment Guidelines—The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2003), also indicate that it is not necessary to examine the health effects to on-site workers unless required by RCRA (Resource Conservation and Recovery Act) / CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) or the worker resides on-site.

risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby workers.

School Child Exposure Scenario

Proximity to sources of toxics is critical to determining the impact. In traffic-related studies, the additional non-cancer health risk attributable to proximity was seen within 1,000 feet and was strongest within 300 feet. California freeway studies show about a 70-percent (%) drop-off in particulate pollution levels at 500 feet. Based on CARB and SCAQMD emissions and modeling analyses, an 80% drop-off in pollutant concentrations is expected at approximately 1,000 feet from a distribution center (1).

The 1,000-foot evaluation distance is supported by research-based findings concerning TAC emission dispersion rates from roadways and large sources showing that emissions diminish substantially between 500 and 1,000 feet from emission sources.

A one-quarter mile radius, or 1,320 feet, is commonly utilized for identifying sensitive receptors, such as schools, that may be impacted by a proposed Project. This radius is more robust than and therefore provides a more health protective scenario for evaluation than the 1,000-foot impact radius identified above. Notwithstanding, for full disclosure purposes, the nearest school was also evaluated.

At the MEISC, the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.02 in one million. Cancer risks at the MEISC are less than the SCAQMD's threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled school receptors would be exposed to lower concentrations of DPM, all other school receptors in the vicinity of the of the Project would be exposed to less emissions and therefore less risk than the MEISC identified herein.

ES.3 Operational Impacts

Residential Exposure Scenario

The maximum incremental cancer risk attributable to Project operational-source DPM emissions at the nearest residential receptor is estimated at 4.98 in one million which would not exceed the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01 which would not exceed the applicable significance threshold of 1.0. All other modeled receptors would be exposed to lower concentrations of DPM, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences.

Worker Exposure Scenario

The maximum incremental cancer risk attributable to Project operational-source DPM emissions at the nearest worker receptor is estimated at 0.65 in one million which would not exceed the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01 which would not exceed the applicable significance threshold of 1.0. All other

modeled receptors would be exposed to lower concentrations of DPM, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby workers.

School Exposure Scenario

The maximum incremental cancer risk attributable to Project operational-source DPM emissions at the nearest school receptor is estimated at 0.08 in one million which would not exceed the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01 which would not exceed the applicable significance threshold of 1.0. All other modeled receptors would be exposed to lower concentrations of DPM, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEISC identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

ES.4 Construction and Operational Impacts

At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 7.77 in one million, less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location.

TABLE ES-1: SUMMARY OF CONSTRUCTION CANCER AND NON-CANCER RISKS

Maximum Exposed Location		Cancer Risk				Non-Cancer Risk			
Type	Receptor Location	Time Period (Year)	Maximum Lifetime Cancer Risk[1]	Significance Threshold[1]	Exceeds Significance Threshold?	Time Period	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold?
Sensitive Receptor	R2	0.70	3.71	10	NO	Annual Average	<0.01	1	NO
Worker Receptor	R5	0.70	0.01	10	NO	Annual Average	<0.01	1	NO
Individual School Child	R6	0.70	0.02	10	NO	Annual Average	<0.01	1	NO

[1] Risk per Million

TABLE ES-2: SUMMARY OF OPERATIONAL CANCER AND NON-CANCER RISKS

Maximum Exposed Location		Cancer Risk				Non-Cancer Risk			
Type	Receptor Location	Time Period (Year)	Maximum Lifetime Cancer Risk[1]	Significance Threshold[1]	Exceeds Significance Threshold?	Time Period	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold?
Sensitive Receptor	R2	30	4.98	10	NO	Annual Average	<0.01	1	NO
Worker Receptor	R5	25	0.65	10	NO	Annual Average	<0.01	1	NO
Individual School Child	R6	9	0.08	10	NO	Annual Average	<0.01	1	NO

[1] Risk per Million

TABLE ES-3: SUMMARY OF CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER RISKS

Maximum Exposed Location		Cancer Risk				Non-Cancer Risk			
Type	Receptor Location	Time Period (Year)	Maximum Lifetime Cancer Risk[1]	Significance Threshold[1]	Exceeds Significance Threshold?	Time Period	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold?
Sensitive Receptor	R2	6.01	7.77	10	NO	Annual Average	<0.01	1	NO

[1] Risk per Million

1 INTRODUCTION

This HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2) and is comprised of all relevant and appropriate procedures presented by the United States Environmental Protection Agency (U.S. EPA), California EPA and SCAQMD. Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of ten (10) persons per million as the maximum acceptable incremental cancer risk due to TAC exposure from a project such as the proposed Project. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulatively considerable impact.

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

> *"…the AQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR. The only case where the significance thresholds for project specific and cumulative impacts differ is the Hazard Index (HI) significance threshold for toxic air contaminant emissions. The project specific (project increment) significance threshold is HI > 1.0 while the cumulative (facility-wide) is HI > 3.0. It should be noted that the HI is only one of three TAC emission significance thresholds considered (when applicable) in a CEQA analysis. The other two are the maximum individual cancer risk (MICR) and the cancer burden, both of which use the same significance thresholds (MICR of 10 in 1 million and cancer burden of 0.5) for project specific and cumulative impacts.*
>
> *Projects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable. This is the reason project-specific and cumulative significance thresholds are the same. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant."*

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Non-carcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). A REL is a concentration at or below which health effects are not likely to occur. A hazard index of less than one (1.0) means that adverse health effects are not expected. In this HRA, non-carcinogenic exposures of less than 1.0 are considered less-than-significant. Both the cancer risk and non-carcinogenic risk thresholds are applied to the nearest sensitive receptors below.

1.1 SITE LOCATION

The Project site is located generally south of Ethanac Road, east of Trumble Road, and west of Sherman Road in the City of Menifee. The Project is bound by vacant land to the east, south, and west, and commercial uses to the north, as shown in Exhibit 1-A.

1.2 PROJECT DESCRIPTION

The project proposes to construct an approximately 829,755 square foot industrial building on a 41.16-acre site. The industrial building will consist of approximately 10,000 square feet of office space and approximately 749,755 square feet of warehouse/distribution space as well as up to 80,000 square feet of high-cube cold storage use. The proposed development will have 503 parking spaces and 258 trailer parking spaces along with onsite landscaping improvements and associated offsite improvements. As part of the project a General Plan, Zone Change, and Specific Plan Amendment will be processed in conjunction with the proposed industrial building. The change proposed to switch the land use designation of APNs 331-110-024, 025, and 026 from Heavy Industrial (HI) to Specific Plan (SP), more specifically the Menifee North SP Planning Area 2, to create cohesive development standards.

The Project site consists of ten parcels (APNs: 331-110-023, 024, 025, 026, 027, 031, 035, 038, 039, and 041) and is located generally south of Ethanac Road, north of McLaughlin, east of Trumble Road, and west of Sherman Road in the City of Menifee. The Project is bound by vacant land to the east, south, and west, and commercial uses to the north, as shown in Exhibit 1-A.

EXHIBIT 1-A: LOCATION MAP

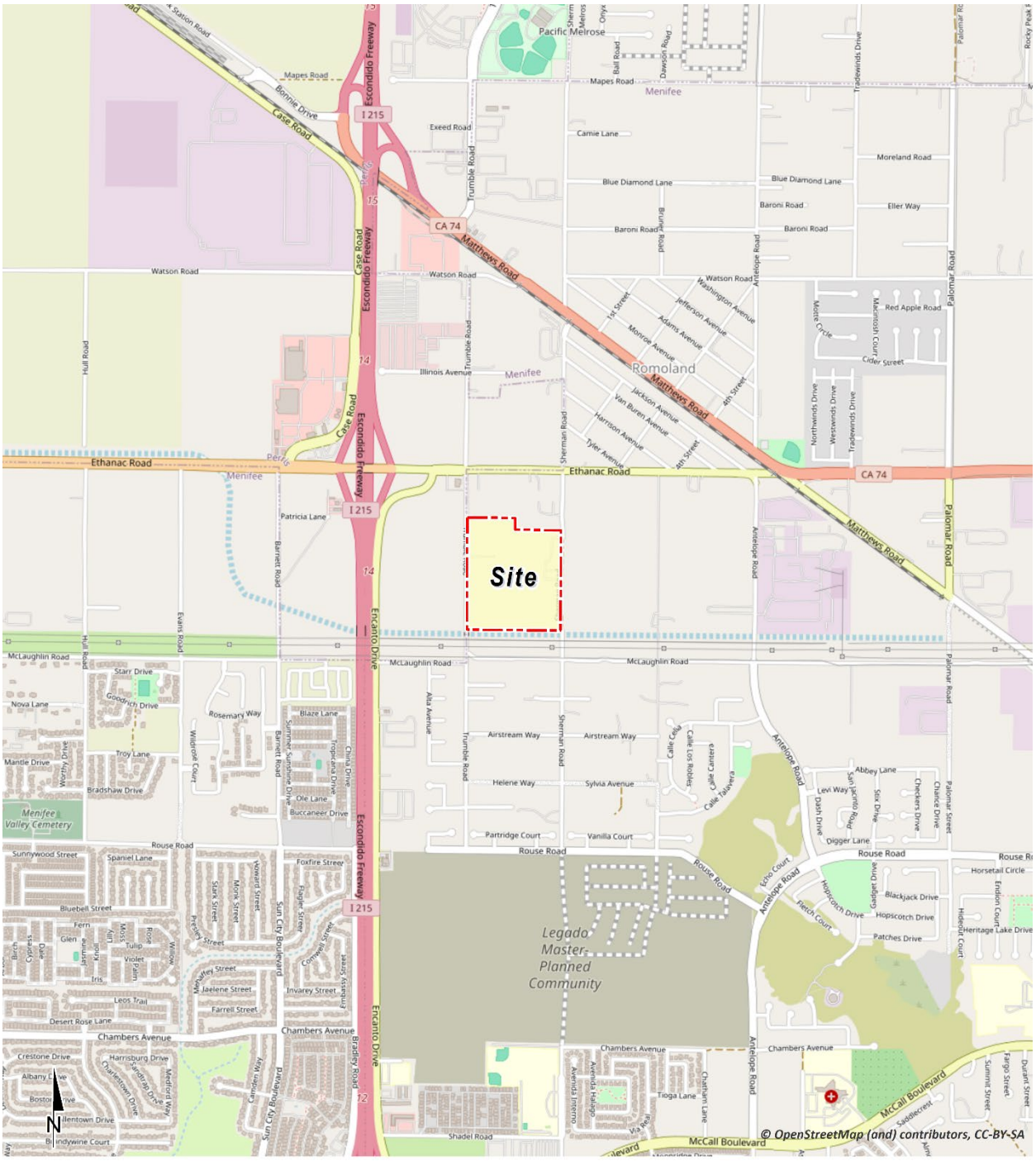
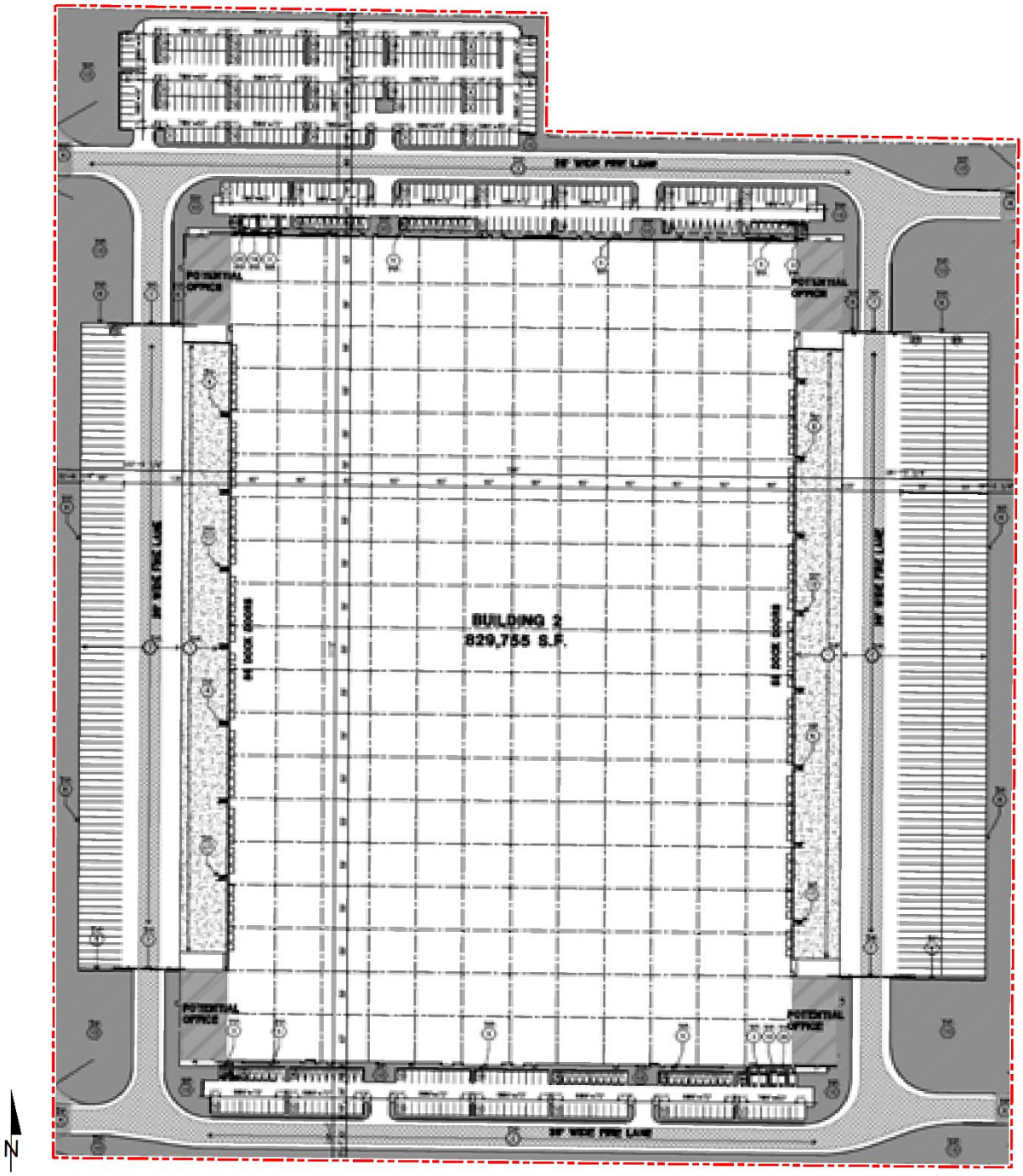


EXHIBIT 1-B: SITE PLAN



2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

This HRA is based on applicable guidelines to produce conservative estimates of human health risk posed by exposure to DPM. The conservative nature of this analysis is due primarily to the following factors:

- The CARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per µg/m^3 is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 95th percentile URF represents a very conservative (health-protective) risk posed by DPM because it represents breathing rates that are high for the human body.
- The emissions derived assume that every truck accessing the Project site will idle for 15 minutes under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.[2] The California Air Resources Board (CARB's) anti-idling requirements impose a 5-minute maximum idling time and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3.

2.2 CONSTRUCTION HEALTH RISK ASSESSMENT

2.2.1 Emissions Calculations

The emissions calculations for the construction HRA component are based on an assumed mix of construction equipment and hauling activity as presented in *the Heritage Valley Business Center Air Quality Impact Analysis* (AQIA) prepared by Urban Crossroads, Inc. (4).

Construction related DPM emissions are expected to occur primarily as a function of the operation of heavy-duty construction equipment.

As discussed in the AQIA, the Project would result in approximately 184 total working-days of construction activity. The construction duration by phase is shown in Table 2-1. A detailed summary of construction equipment assumptions by phase is provided at Table 2-2. The CalEEMod emissions outputs are presented in Appendix 2.1. The modeled emission sources for construction activity are illustrated on Exhibit 2-A.

[2] Although the Project is required to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions should be estimated for 15 minutes of truck idling (personal communication, in person, with Jillian Wong, December 22, 2016), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc.

TABLE 2-1: CONSTRUCTION DURATION

Construction Activity	Start Date	End Date	Days
Demolition	09/01/2026	09/18/2026	14
Site Preparation	09/21/2026	09/25/2026	5
Grading	09/28/2026	11/20/2026	40
Building Construction	11/23/2026	09/24/2027	220
Paving	06/14/2027	07/28/2027	33
Architectural Coating	04/05/2027	05/14/2027	30

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	Equipment	Quantity	Hours
Demolition	Concrete/Industrial Saws	1	8
	Excavators	4	8
	Rubber Tired Dozers	3	8
Site Preparation	Rubber Tired Dozers	4	8
	Crawler Tractors	6	8
Grading	Excavators	3	8
	Graders	1	8
	Rubber Tired Dozers	1	8
	Scrapers	3	8
	Crawler Tractors	3	8
Building Construction	Cranes	1	8
	Forklifts	4	8
	Generator Sets	1	8
	Tractors/Loaders/Backhoes	4	8
	Welders	1	8
Paving	Pavers	3	8
	Paving Equipment	3	8
	Rollers	3	8
Architectural Coating	Air Compressors	1	8

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



2.3 OPERATIONAL HEALTH RISK ASSESSMENT

2.3.1 On-Site and Off-Site Truck Activity

Vehicle DPM emissions were calculated using emission factors for particulate matter less than 10µm in diameter (PM_{10}) generated with the 2021 version of the EMission FACtor model (EMFAC) developed by the CARB. EMFAC 2021 is a mathematical model that CARB developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by CARB to project changes in future emissions from on-road mobile sources (5). The most recent version of this model, EMFAC 2021, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

Several distinct emission processes are included in EMFAC 2021. Emission factors calculated using EMFAC 2021 are expressed in units of grams per vehicle miles traveled (g/VMT) or grams per idle-hour (g/idle-hr), depending on the emission process. The emission processes and corresponding emission factor units associated with diesel particulate exhaust for this Project are presented below.

For this Project, annual average PM_{10} emission factors were generated by running EMFAC 2021 in EMFAC Mode for vehicles in the Riverside County jurisdiction. The EMFAC Mode generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed. The model was run for speeds traveled in the vicinity of the Project. The vehicle travel speeds for each segment modeled are summarized below:

- Idling – on-site loading/unloading and truck trailer parking areas;
- 5 miles per hour – on-site vehicle movement including driving and maneuvering; and
- 25 miles per hour – off-site vehicle movement including driving and maneuvering.

It is expected that minimal idling would occur at nearby intersections during truck travel on study area roadways (e.g., at an intersection during a red light, or yielding to make a turn). Notwithstanding, the analysis conservatively utilizes a reduced off-site average speed of 25 miles per hour (below the posted speed limit) for travel on study area roadways. Use of a lower average speed for off-site travel results in a higher emission factor and therefore any negligible idling that would occur during truck travel along the study area is accounted for.

Calculated emission factors are shown at Table 2-3. As a conservative measure, a 2028 EMFAC 2021 run was conducted and a static 2028 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2028 emission factors would overstate potential impacts since this approach assumes that emission factors remain "static" and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2028. Additionally, based on EMFAC 2021, Light-Heavy-Duty Trucks are comprised of 59.8 percent (%) diesel, Medium-Heavy-Duty Trucks are comprised of 92.3% diesel, and Heavy-Heavy-Duty Trucks are comprised of 94.8% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.1 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM_{10} emission factor (g/VMT) from EMFAC over the total distance traveled. The following equation was used to estimate off-site emissions for each of the different vehicle classes comprising the mobile sources (6):

$$Emissions_{Speed\ A} = EF_{Run\ Exhaust} \times Distance \times \frac{Number\ of\ Trips\ per\ Day}{Seconds\ per\ Day}$$

Where:

$Emissions_{Speed\ A}$	=	Vehicle emissions at a given speed A (g/s)
$EF_{Run\ Exhaust}$	=	EMFAC running exhaust PM_{10} emission factor at speed A (g/vmt)
$Distance$	=	Total distance traveled per trip (miles)

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM_{10} emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM_{10} emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes :

$$Emissions_{Idle} = EF_{Idle} \times Number\ of\ Trips \times Idling\ Time \times \frac{60\ minutes\ per\ hour}{seconds\ per\ day}$$

Where:

$Emissions_{Idle}$	=	Vehicle emissions during Idling (g/s)
EF_{Idle}	=	EMFAC idle exhaust PM_{10} emission factor (g/s)
$Number\ of\ Trips$	=	Number of trips per day
$Idling\ Time$	=	Idling time (minutes per trip)

TABLE 2-3: 2028 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
0 (idling)	0.08214 (g/idle-hr)
5	0.01813 (g/mile)
25	0.00798 (g/mile)

Each roadway was modeled as a line source (made up of multiple adjacent volume sources). Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report but are included in Appendix 2.2. The DPM emission rate for each line volume source was calculated by multiplying the emission factor (based on the average travel speed along the roadway) by the number of trips and the distance traveled along each roadway segment, as illustrated in Table 2-4. In order to model idling emissions, line sources were modeled at the building loading docks. The modeled emission sources are illustrated

on Exhibit 2-B for on-site sources and Exhibit 2-C for off-site sources. The modeling domain is limited to the Project's primary truck route and includes off-site sources in the study area for more than ¾ mile. This modeling domain is more inclusive and conservative than using only a ¼ mile modeling domain which is the distance supported by several reputable studies which conclude that the greatest potential risks occur within a ¼ mile of the primary source of emissions (1) In the case of the Project, the primary source of emissions is the on-site idling and on-site travel.

On-site truck idling was estimated to occur at building loading docks. Although the Project's diesel-fueled truck and equipment operators will be required by State law to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions be calculated assuming 15 minutes of truck idling (7), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc. As such, this analysis calculates truck idling at 15 minutes, consistent with SCAQMD's recommendation. Idling emissions at building loading docks were modeled in AERMOD as line sources, which consist of multiple adjacent volume sources.

As summarized in the *Heritage Valley Business Center Trip Generation Assessment*, the Project is expected to generate a total of approximately 390 two-way daily truck trips per day (8).

2.3.2 Stationary Sources

The proposed Project was conservatively assumed to include installation of an electric-powered fire pump[3] and a 700 HP diesel-powered emergency generator, as shown on Exhibit 2-B. The generator would be diesel fueled and potentially would result in exposure of sensitive receptors to DPM. Based on the CalEEMod output presented in the Project air quality impact analysis, it is estimated that the generator would be rated at 700 brake horsepower (bhp). The analysis assumed that the emergency generator could potentially operate for up to one hour per day, one day per week, for a total of 50 hours per year for maintenance and testing purposes. Consistent with SCAQMD guidance, the emergency generator was modeled as a point source. Because detailed engine specifications are not known at this time, release parameters (including exhaust height, diameter, temperature, and flow rate) were obtained from the California Air Pollution Control Officers Association Facility Prioritization Guidelines (9).

2.3.3 Transport Refrigeration Unit (TRU) Emissions

In order to account for the possibility of refrigerated uses, trucks associated with the high-cube cold storage land use are assumed to also have TRUs. Therefore, for modeling purposes 33 trucks (66 two-way truck trips per day) have the potential to include TRUs. TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on CARB's OFFROAD Model version 2021 (OFFROAD2021). OFFROAD2021 does not provide emission rates per hour or mile as with the on-road emission model and only provides emission inventories. Emission results are produced in tons per day while all activity, fuel consumption and horsepower hours were reported at annual levels. The emission inventory is based on specific assumptions including the average horsepower rating of specific types of equipment and the hours of operation annually. These assumptions are not always consistent with assumptions used in the modeling of project level emissions. Therefore, the emissions inventory was converted into emission rates to accurately calculate emissions from TRU

[3] Since the fire pump is electric-powered, no direct emissions are expected.

operation associated with project level details. This was accomplished by converting the annual horsepower hours to daily operational characteristics and converting the daily emission levels into hourly emission rates based on the total emission of each criteria pollutant by equipment type and the average daily hours of operation. Consistent with the methodology presented in Appendix F of CARB's *Proposed Amendments to the Airborne Toxic Control Measure for In-Use Diesel-Fueled TRU and TRU Generator Sets, and Facilities Where TRUs Operate* (10), it was estimated that each TRU would spend approximately 3.3 hours per load at the facility, and that the TRU engine would operate 62.5% of the time. Thus, it was estimated that for each two-way truck trip servicing the refrigerated warehouse portion of the Project, the TRU engine would operate for approximately 2.1 hours while on site and parked at building loading docks.

EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES

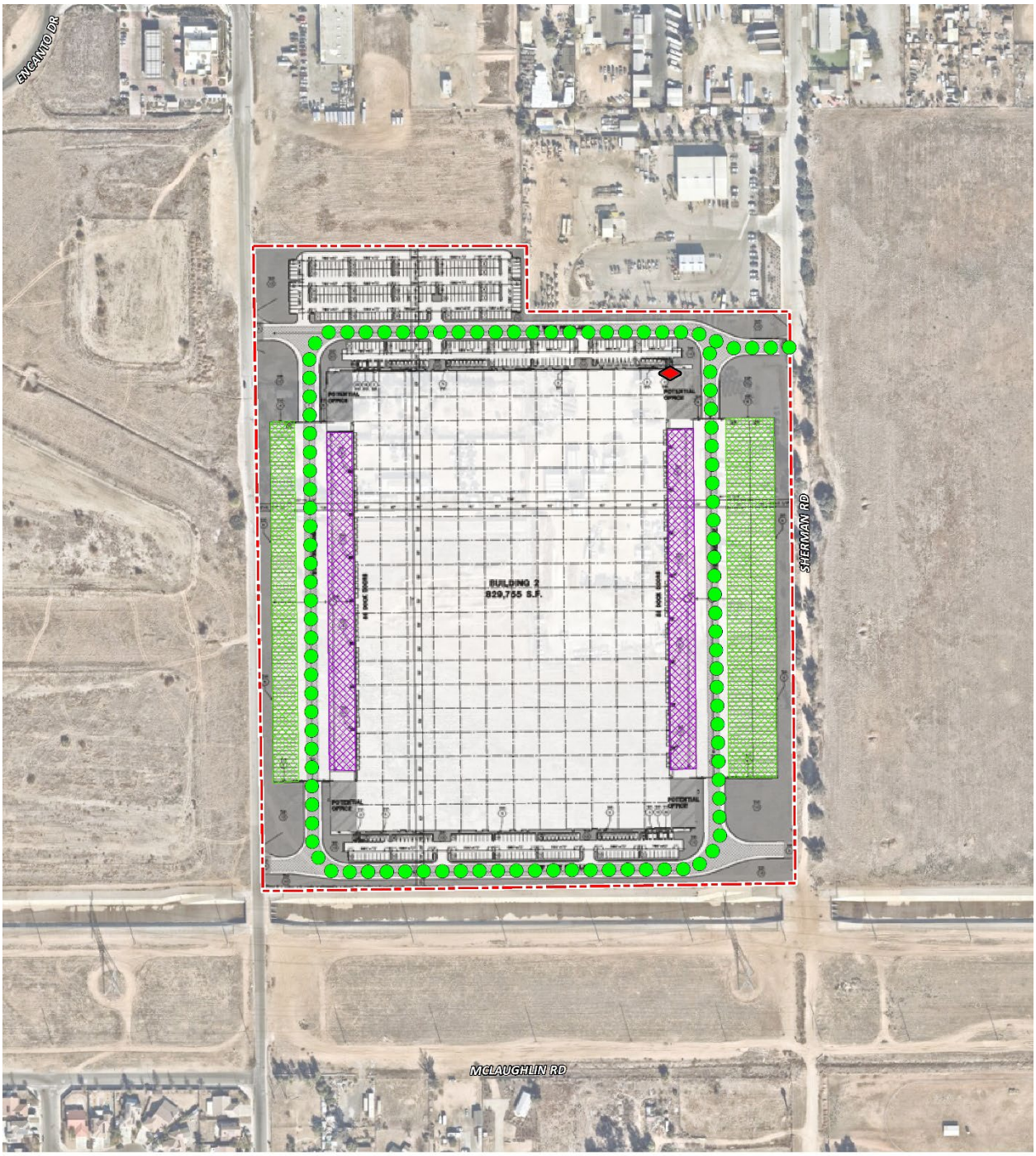


EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES

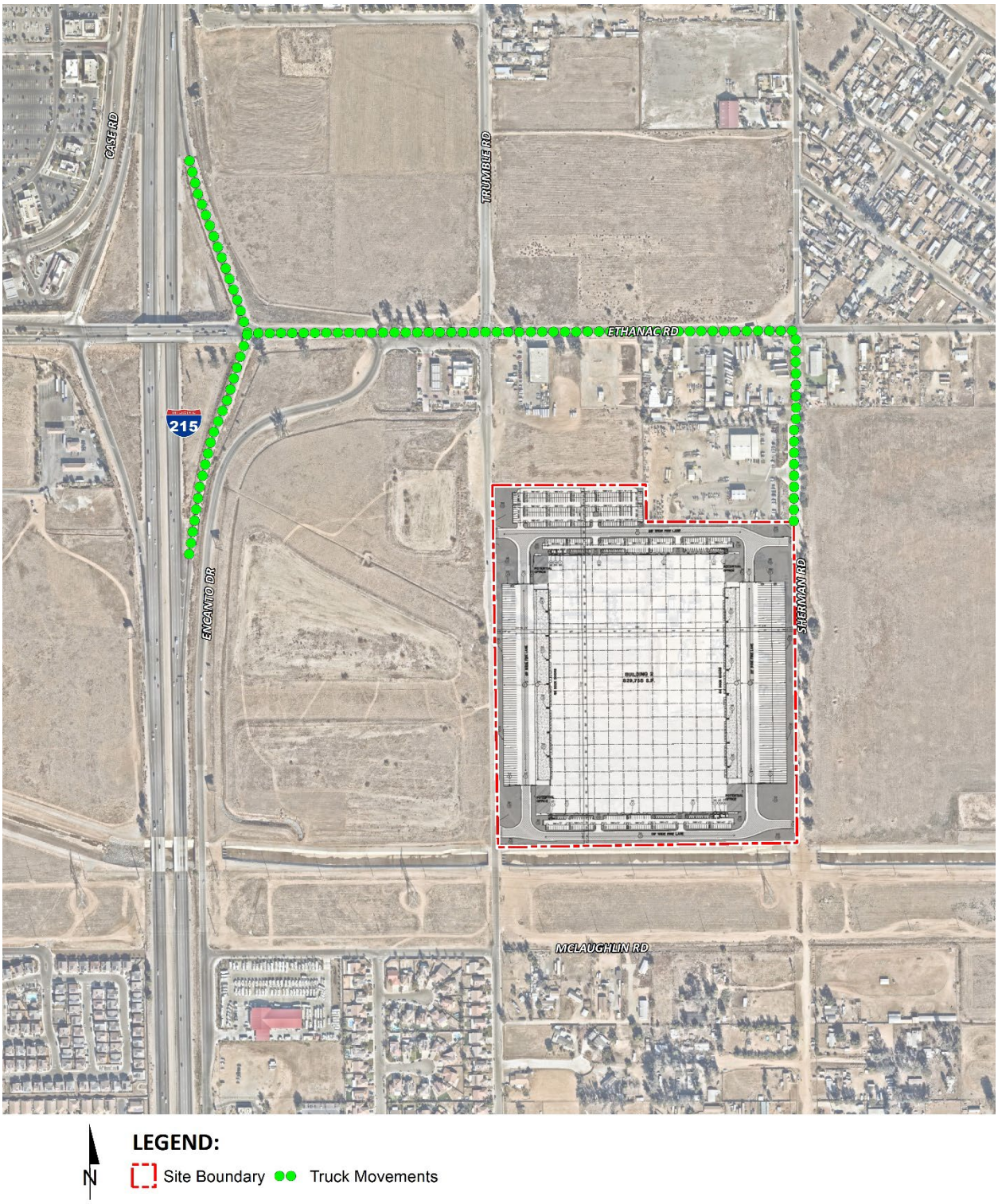


TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS

Truck Emission Rates							
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Daily TRU Emissions [d] (grams/day)	Modeled Emission Rates (g/second)
Loading Dock 1	97			0.0928	2.26	19.37	2.504E-04
Loading Dock 2	97			0.0928	2.26	19.37	2.504E-04
Truck Parking 1	65			0.0928	1.51	0.00	1.745E-05
Truck Parking 2	65			0.0928	1.51	0.00	1.745E-05
Truck Parking 3	65			0.0928	1.51	0.00	1.745E-05
On-Site Truck Movement	390	339.15	0.0189		6.41	6.53	1.498E-04
Sherman Road 100% Inbound/Outbound	390	157.40	0.0084		1.32	0.61	2.230E-05
Ethanac Road 100% Inbound/Outbound	390	173.75	0.0084		1.46	0.67	2.462E-05
Encanto Drive (North) 60% Inbound/Outbound	234	39.61	0.0084		0.33	0.15	5.612E-06
Encanto Drive (South) 40% Inbound/Outbound	156	38.76	0.0084		0.33	0.15	5.492E-06

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

[c] This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

[d] It is assumed that each TRU operates for 2.1 hours while parked at building loading docks.

2.4 EXPOSURE QUANTIFICATION

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2). The Environmental Protection Agency's (U.S. EPA's) AERMOD model has been utilized. For purposes of this analysis, the Lakes AERMOD View (Version 13.0.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 24142 (11).

The model offers additional flexibility by allowing the user to assign an initial release height and vertical dispersion parameters for mobile sources representative of a roadway. For this HRA, the roadways were modeled as adjacent volume sources. Roadways were modeled using the U.S. EPA's haul route methodology for modeling of on-site and off-site truck movement. More specifically, the Haul Road Volume Source Calculator in Lakes AERMOD View has been utilized to determine the release height parameters. Based on the US EPA methodology, the Project's modeled sources would result in a release height of 3.49 meters and an initial lateral dimension of 4.0 meters, and an initial vertical dimension of 3.25 meters.

Model parameters are presented in Table 2-5 (12). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the Perris Valley monitoring station located in SCAQMD was used to represent local weather conditions and prevailing winds (13).

TABLE 2-5: AERMOD MODEL PARAMETERS

Dispersion Coefficient (Urban/Rural)	Urban (Population 2,492,442)
Terrain (Flat/Elevated)	Elevated (Regulatory Default)
Averaging Time	1 year (5-year Meteorological Data Set)
Receptor Height	0 meters (Regulatory Default)

Universal Transverse Mercator (UTM) coordinates for World Geodetic System (WGS) 84 were used to locate the Project site boundaries, each volume source location, and receptor locations in the Project vicinity. The AERMOD dispersion model summary output files for the Project are presented in Appendix 2.2. Modeled sensitive receptors were placed at residential and non-residential locations.

Receptors may be placed at applicable structure locations for residential and worker property and not necessarily the boundaries of the properties containing these uses because the human receptors (residents and workers) spend a majority of their time at the residence or in the workplace's building, and not on the property line. It should be noted that the primary purpose of receptor placement is focused on long-term exposure. For example, the HRA evaluates the potential health risks to residents, workers and school children over a period of 30, 25, or 9 years of exposure, respectively. Notwithstanding, as a conservative measure, receptors were placed at either the outdoor living area or the building façade, whichever is closer to the Project site.

Discrete receptors were placed in all directions nearest to the Project site and Project truck routes in order to account for the predominant wind directions in the Project vicinity.

For purposes of this HRA, receptors include both residential and non-residential (worker) land uses in the vicinity of the Project. These receptors are included in the HRA since residents, workers, and school children may be exposed at these locations over a long-term duration of 30, 25, and 9 years, respectively. This methodology is consistent with SCAQMD and OEHHA recommended guidance.

Any impacts to residents or workers located further away from the Project site than the modeled residential and workers in a given direction would have a lesser impact than what has already been disclosed in the HRA at the MEIR, MEISC and MEIW because concentrations dissipate with distance.

All receptors were set to existing elevation height so that only ground-level concentrations are analyzed. United States Geological Survey (USGS) Digital Elevation Model (DEM) terrain data based on a 7.5-minute topographic quadrangle map series using AERMAP was utilized in the HRA modeling to set elevations (14).

Discrete variants for daily breathing rates, exposure frequency, fraction of time at home, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-6 and 2-7 summarizes the Exposure Parameters for residents, workers, and school children based on 2015 OEHHA Guidelines. Appendix 2.3 includes the detailed risk calculations.

TABLE 2-6: CONSTRUCTION ACTIVITY EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
Residential Exposure Scenario						
0 to 2	361	10	0.70	1.00	250	8
Worker Exposure Scenario						
16 to 41	230	1	0.70	1.00	250	8
Schoolchild Exposure Scenario						
4 to 13	572	3	0.70	1.00	180	8

TABLE 2-7: OPERATIONAL ACTIVITY EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (1 OF 2)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
30 Year Residential						
-0.25 to 0	361	10	0.25	0.85	350	24
0 to 2	1,090	10	2	0.85	350	24
2 to 16	572	3	14	0.72	350	24
16 to 30	261	1	14	0.73	350	24

TABLE 2-7: OPERATIONAL ACTIVITY EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (2 OF 2)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
25 Year Worker						
16 to 41	230	1	25	n/a	250	12
9 Year School Child						
4 to 13	572	3	9	n/a	180	12

n/a = Not Applicable

[a] To represent the unique characteristics of the school-based population, the assessment employed the U.S. EPA's guidance to develop viable dose estimates based on reasonable maximum exposures (RME). RME's are defined as the "highest exposure that is reasonably expected to occur" for a given receptor population. As a result, lifetime risk values for the student population were adjusted to account for an exposure duration of 180 days per year for nine (9) years. The 9 year exposure duration is also consistent with OEHHA Recommendations and consistent with the exposure duration utilized in school-based risk assessments for various schools within the Los Angeles County Unified School District (LAUSD) that have been accepted by the SCAQMD.

2.5 CARCINOGENIC CHEMICAL RISK

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 10 in one million implies a likelihood that up to 10 people out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of TACs over a specified duration of time.

Guidance from CARB and the California EPA, Office of Environmental Health Hazard Assessment (OEHHA) recommends a refinement to the standard point estimate approach when alternate human body weights and breathing rates are utilized to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose. Once determined, contaminant dose is multiplied by the CPF in units of inverse dose expressed in milligrams per kilogram per day $(mg/kg/day)^{-1}$ to derive the cancer risk estimate. Therefore, to assess exposures, the following dose algorithm was utilized.

$$DOSE_{AIR} = \left(C_{AIR} \times \frac{BR}{BW} \times A \times EF\right) \times (1 \times 10^{-6})$$

Where:

$DOSE_{AIR}$ = chronic daily intake (mg/kg/day)

C_{AIR} = concentration of contaminant in air ($\mu g/m^3$)

$\frac{BR}{BW}$ = daily breathing rate normalized to body weight (L/kg BW-day)

A	=	inhalation absorption factor
EF	=	exposure frequency (days/365 days)
BW	=	body weight (kg)
1×10^{-6}	=	conversion factors (µg to mg, L to m^3)

$$RISK_{AIR} = DOSE_{AIR} \times CPF \times ASF \times FAH \times \frac{ED}{AT}$$

Where:

$DOSE_{AIR}$	=	chronic daily intake (mg/kg/day)
CPF	=	cancer potency factor
ASF	=	age sensitivity factor
FAH	=	fraction of time at home
ED	=	number of years within particular age group
AT	=	averaging time

2.6 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or REL. The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic REL for DPM was established by OEHHA as 5 µg/m^3 (15).

Non-cancer health effects are expressed as a hazard index (HI), which is calculated using the following equation:

$$HI_{DPM} = \frac{C_{DPM}}{REL_{DPM}}$$

Where:

HI_{DPM}	=	Hazard index (unitless)
C_{DPM}	=	Annual average DPM concentration (µg/m^3)
REL_{DPM}	=	REL for DPM (the DPM concentration at which no adverse health effects are anticipated).

2.7 POTENTIAL PROJECT DPM-SOURCE CANCER AND NON-CANCER RISKS

2.7.1 Project-related Receptors

Receptors in the Project study area are described below and shown in Exhibit 2-D. It should be noted that for clarity purposes, the receptors presented in Exhibit 2-D do not represent all modeled receptors and instead presents the nearest receptors that would experience the highest pollutant concentrations. A total of 124 receptors were modeled in the analysis. Appendix 2.4 presents a figure detailing the locations of all receptors as modeled in AERMOD.

R1: Location R1 represents the existing residence at 26061 Sherman Road, approximately 281 feet north of the Project site. Receptor R1 is placed at the façade facing the Project site.

R2: Location R2 represents the existing residence at 26026 Sherman Road, approximately 532 feet northeast of the Project site. Receptor R2 is placed at the façade facing the Project site.

R3: Location R3 represents the existing residence at 26550 Trumble Road, approximately 494 feet south of the Project site. Receptor R3 is placed at the façade facing the Project site.

R4: Location R4 represents the existing residence at 26505 Trumble Road, approximately 510 feet southwest of the Project site. Receptor R4 is placed at the façade facing the Project site.

R5: Location R5 represents the Summit Equipment Rental facility located at 26105 Sherman Road, approximately 262 feet north of the Project site. R5 is placed at the nearest building façade facing the Project site

R6: Location R6 represents the Romoland Elementary School located at 25890 Antelope Road, approximately 3,267 feet northeast of the Project site. R6 is placed at the nearest building façade facing the Project site.

EXHIBIT 2-D: RECEPTOR LOCATIONS



2.7.2 Construction Impacts

Residential Exposure Scenario

The MEIR with the greatest potential exposure to Project construction-source DPM emissions is Location R2 which represents the existing residence at 26061 Sherman Road, approximately 289 feet north of the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 3.71 in one million. As such, cancer risks at the MEIR associated with the Project are less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable threshold of 1.0. The MEIR would experience the highest concentrations of DPM during Project construction due to its location and meteorological conditions at the site. Because all other modeled receptors would experience lower concentrations of DPM during Project construction, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location.

Worker Exposure Scenario

The MEIW with the greatest potential exposure to Project construction-source DPM emissions is Location R5 which represents the Summit Equipment Rental facility located at 26105 Sherman Road, approximately 100 feet north of the Project site. At the MEIW, the maximum incremental cancer risk impact is 0.01 in one million. Cancer risks at the MEIW are less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0. As such, based on the previous discussion, cancer and non-cancer risks would be less than significant and no mitigation is required. All other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby workers.

School Child Exposure Scenario

The nearest school and location of the MEISC is the Romoland Elementary School located at 25890 Antelope Road, represented by Location R6, approximately 3,267 feet northeast of the Project site. At the MEISC, the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.02 in one million. Cancer risks at the MEISC are less than the SCAQMD's threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled school receptors would be exposed to lower concentrations of DPM, all other school receptors in the vicinity of the of the Project would be exposed to less emissions and therefore less risk than the MEISC identified herein.

2.7.3 Operational Impacts

Residential Exposure Scenario

The MEIR with the greatest potential exposure to Project operational-source DPM emissions is Location R2 which represents the existing residence at 26061 Sherman Road, approximately 289 feet north of the Project site. At this location, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 4.98 in one million which would not exceed the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01 which would not exceed the applicable significance threshold of 1.0. Location R4 is the nearest receptor to the Project site and would experience the highest concentrations of DPM from Project operation due to its location and meteorological conditions at the Project site. Because all other modeled receptors would be exposed to lower concentrations of DPM, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences.

Worker Exposure Scenario

The MEIW with the greatest potential exposure to Project operational-source DPM emissions is Location R5 which represents the Summit Equipment Rental facility located at 26105 Sherman Road, approximately 100 feet north of the Project site. The MEIW is the worker receptor location that would experience the highest modeled concentrations of DPM, and thus the highest risk. At the MEIW, the maximum incremental cancer risk impact is estimated at 0.65 in one million which would not exceed the SCAQMD's significance threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be ≤0.01 which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors would be exposed to lower concentrations of DPM, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers.

School Child Exposure Scenario

The MEISC with the greatest potential exposure to Project operational-source DPM emissions is the Romoland Elementary School located at 25890 Antelope Road, represented by Location R6, approximately 3,267 feet northeast of the Project site. At the MEISC, the maximum incremental cancer risk impact is estimated at 0.08 in one million which would not exceed the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01 which would not exceed the applicable significance threshold of 1.0. All other modeled receptors would be exposed to lower concentrations of DPM, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEISC identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

2.7.4 Construction and Operational Impacts

The location with the greatest potential exposure to Project construction and operational-source DPM emissions is Location R2. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 7.77 in one

million, less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location.

3 REFERENCES

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4 CERTIFICATION

The contents of this health risk assessment represent an accurate depiction of the impacts to sensitive receptors associated with the proposed Heritage Valley Business Center Project. The information contained in this health risk assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me directly at hqureshi@urbanxroads.com.

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Master of Science in Environmental Studies
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Bachelor of Arts in Environmental Analysis and Design
University of California, Irvine • June, 2006

Professional Affiliations

AEP – Association of Environmental Professionals
AWMA – Air and Waste Management Association
ASTM – American Society for Testing and Materials

Professional Certifications

Planned Communities and Urban Infill – Urban Land Institute • June, 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April, 2008
Principles of Ambient Air Monitoring – CARB • August, 2007
AB2588 Regulatory Standards – Trinity Consultants • November, 2006
Air Dispersion Modeling – Lakes Environmental • June, 2006

APPENDIX 2.1:

EMISSIONS CALCULATIONS

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Demolition	1.234661	14	17.28525061	1.234660758	0.154332595
Exhaust PM-10	Site Preparation	2.463614	5	12.31806936	2.463613871	0.307951734
	Grading	1.814901	40	72.59603825	1.814900956	0.22686262
	Building Construction	0.448823	220	98.7410372	0.448822896	0.056102862
	Paving	0.447189	33	14.7572258	0.447188661	0.055898583
	Architectural Coatings	0.025398	30	0.761947299	0.025398243	0.00317478
		6.43	184	216.4595685	1.176410698	0.147051337
Off-Site	Demolition	7.49E-03	14	0.1049224	0.007494457	0.000936807
Exhaust PM-10	Site Preparation	1.35E-03	5	0.006746145	0.001349229	0.000168654
	Grading	4.22E-01	40	16.89446406	0.422361602	0.0527952
	Building Construction	4.81E-02	220	10.58695056	0.048122503	0.006015313
	Paving	0.00E+00	33	0	0	0
	Architectural Coatings	0.00E+00	30	0	0	0
		4.79E-01	184	27.59308317	0.149962409	0.018745301

Phase	Start Date	End Date	No. Days
Demolition	9/1/2026	9/18/2026	14
Site Preparation	9/19/2026	9/25/2026	5
Grading	9/28/2026	11/20/2026	40
Building Construction	11/23/2026	9/24/2027	220
Paving	6/14/2027	7/28/2027	33
Arch Coatings	4/5/2027	5/14/2027	30
		Total Days of Construction	**184**

AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2028

Speed	LHD1	LHD2	MHD	HHD
0	0.360596	0.587221	0.029636	0.01128
5	0.03832	0.058355	0.018419	0.01141
25	0.018162	0.028626	0.005085	0.00558

Speed	**Weighted Average Emissions**
0	**0.09276**
5	**0.01889**
25	**0.00839**

Emission Rates - 2024 Emission Factors

Truck Emission Rates

Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Daily TRU Emissions [d] (grams/day)	Modeled Emission Rates (g/second)
Loading Dock 1	97			0.0928	2.26	19.37	2.504E-04
Loading Dock 2	97			0.0928	2.26	19.37	2.504E-04
Truck Parking 1	65			0.0928	1.51	0.00	1.745E-05
Truck Parking 2	65			0.0928	1.51	0.00	1.745E-05
Truck Parking 3	65			0.0928	1.51	0.00	1.745E-05
On-Site Truck Movement	390	339.15	0.0189		6.41	6.53	1.498E-04
Sherman Road 100% Inbound/Outbound	390	157.40	0.0084		1.32	0.61	2.230E-05
Ethanac Road 100% Inbound/Outbound	390	173.75	0.0084		1.46	0.67	2.462E-05
Encanto Drive (North) 60% Inbound/Outbound	234	39.61	0.0084		0.33	0.15	5.612E-06
Encanto Drive (South) 40% Inbound/Outbound	156	38.76	0.0084		0.33	0.15	5.492E-06

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

[c] This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

[d] It is assumed that each TRU operates for 2.1 hours while parked at building loading docks.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2028	Annual	Riverside (	HHDT	Dsl			IDLEX		PM10	0.011901
2028	Annual	Riverside (	HHDT	Dsl	60	70	RUNEX	25	PM10	0.005883
2028	Annual	Riverside (	HHDT	Dsl	60	70	RUNEX	5	PM10	0.012039
2028	Annual	Riverside (	MHDT	Dsl			IDLEX		PM10	0.032107
2028	Annual	Riverside (	MHDT	Dsl	60	70	RUNEX	25	PM10	0.005509
2028	Annual	Riverside (	MHDT	Dsl	60	70	RUNEX	5	PM10	0.019955
2028	Annual	Riverside (	LHDT2	Dsl			IDLEX		PM10	0.794846
2028	Annual	Riverside (	LHDT2	Dsl	60	70	RUNEX	25	PM10	0.038748
2028	Annual	Riverside (	LHDT2	Dsl	60	70	RUNEX	5	PM10	0.078987
2028	Annual	Riverside (	LHDT1	Dsl			IDLEX		PM10	0.78735
2028	Annual	Riverside (	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.039657
2028	Annual	Riverside (	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.08367

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2028
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/year for Combustion VMT and Electric VMT, trips/year for Trips, tons/year for Emissions, 1000 gallons/year for Fuel Consumption, kg/year for Hydrogen Consumption

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population
Riverside	2028	HHDT	Aggregate	Aggregate	Gasoline	3.98858
Riverside	2028	HHDT	Aggregate	Aggregate	Diesel	16286.5
Riverside	2028	HHDT	Aggregate	Aggregate	Natural Ga	889.839
Riverside	2028	LHDT1	Aggregate	Aggregate	Gasoline	17013.1
Riverside	2028	LHDT1	Aggregate	Aggregate	Diesel	14375.6
Riverside	2028	LHDT2	Aggregate	Aggregate	Gasoline	2353.81
Riverside	2028	LHDT2	Aggregate	Aggregate	Diesel	6657.21
Riverside	2028	MHDT	Aggregate	Aggregate	Gasoline	1167.51
Riverside	2028	MHDT	Aggregate	Aggregate	Diesel	14002.3
Riverside	2028	MHDT	Aggregate	Aggregate	Natural Ga	199.968

HHDT% GAS/NG	0.05203	
HHDT% DSL	0.94797	
LHDT1% GAS	0.54201	0.59839
LHDT1% DSL	0.45799	
LHDT2% GAS	0.26121	
LHDT2% DSL	0.73879	
MHDT% GAS	0.07696	
MHDT% DSL	0.92304	

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APPENDIX 2.2:

AERMOD MODEL INPUT/OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 8/13/2025
** File: C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Construction\16568-02
Construction.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568-
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2492442 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "16568-02 Construction.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     482910.140  3733440.950      435.380
   LOCATION VOL2         VOLUME     482959.109  3733440.568      435.530
   LOCATION VOL3         VOLUME     483007.323  3733440.822      435.690
   LOCATION VOL4         VOLUME     483054.775  3733440.695      435.800
   LOCATION VOL5         VOLUME     482910.102  3733391.190      435.480
   LOCATION VOL6         VOLUME     482959.070  3733390.808      435.470
   LOCATION VOL7         VOLUME     483007.284  3733391.062      435.570
   LOCATION VOL8         VOLUME     483054.737  3733390.935      435.620
   LOCATION VOL9         VOLUME     483102.111  3733390.969      435.990
   LOCATION VOL10        VOLUME     483151.080  3733390.587      436.190
   LOCATION VOL11        VOLUME     483199.293  3733390.841      436.390
   LOCATION VOL12        VOLUME     483246.746  3733390.714      436.520
   LOCATION VOL13        VOLUME     482909.968  3733335.149      435.380
   LOCATION VOL14        VOLUME     482958.936  3733334.768      435.560
   LOCATION VOL15        VOLUME     483007.150  3733335.022      435.630
   LOCATION VOL16        VOLUME     483054.603  3733334.895      435.830
   LOCATION VOL17        VOLUME     483101.977  3733334.928      435.970
   LOCATION VOL18        VOLUME     483150.946  3733334.546      436.060
   LOCATION VOL19        VOLUME     483199.159  3733334.800      436.180
   LOCATION VOL20        VOLUME     483246.612  3733334.673      436.460
   LOCATION VOL21        VOLUME     482909.828  3733279.079      435.550
   LOCATION VOL22        VOLUME     482909.694  3733223.038      435.510
   LOCATION VOL23        VOLUME     482958.663  3733222.656      435.740
   LOCATION VOL24        VOLUME     482958.797  3733278.697      435.670
   LOCATION VOL25        VOLUME     483007.011  3733278.951      435.720
   LOCATION VOL26        VOLUME     483006.877  3733222.910      436.030
   LOCATION VOL27        VOLUME     483054.329  3733222.783      436.000
   LOCATION VOL28        VOLUME     483054.463  3733278.824      435.790
   LOCATION VOL29        VOLUME     483101.837  3733278.857      436.460
   LOCATION VOL30        VOLUME     483101.703  3733222.817      436.360
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   LOCATION VOL31        VOLUME     483150.672  3733222.435      437.520
   LOCATION VOL32        VOLUME     483150.806  3733278.476      436.570
   LOCATION VOL33        VOLUME     483199.020  3733278.729      436.730
   LOCATION VOL34        VOLUME     483198.886  3733222.689      436.790
   LOCATION VOL35        VOLUME     483246.338  3733222.562      436.840
   LOCATION VOL36        VOLUME     483246.472  3733278.602      436.770
   LOCATION VOL37        VOLUME     482909.828  3733166.682      435.500
   LOCATION VOL38        VOLUME     482909.694  3733110.641      435.670
   LOCATION VOL39        VOLUME     482958.663  3733110.260      435.760
   LOCATION VOL40        VOLUME     482958.797  3733166.300      435.660
   LOCATION VOL41        VOLUME     483007.011  3733166.554      435.800
   LOCATION VOL42        VOLUME     483006.877  3733110.513      435.800
   LOCATION VOL43        VOLUME     483054.329  3733110.386      435.900
   LOCATION VOL44        VOLUME     483054.463  3733166.427      436.040
   LOCATION VOL45        VOLUME     483101.837  3733166.460      436.330
   LOCATION VOL46        VOLUME     483101.703  3733110.420      435.950
   LOCATION VOL47        VOLUME     483150.672  3733110.038      436.050
   LOCATION VOL48        VOLUME     483150.806  3733166.079      436.460
   LOCATION VOL49        VOLUME     483199.020  3733166.332      436.340
   LOCATION VOL50        VOLUME     483198.886  3733110.292      436.160
   LOCATION VOL51        VOLUME     483246.338  3733110.165      436.320
   LOCATION VOL52        VOLUME     483246.472  3733166.205      436.320
   LOCATION VOL53        VOLUME     482910.448  3733084.243      435.710
   LOCATION VOL54        VOLUME     482910.314  3733028.203      435.700
   LOCATION VOL55        VOLUME     482959.283  3733027.821      435.790
   LOCATION VOL56        VOLUME     482959.417  3733083.862      435.800
   LOCATION VOL57        VOLUME     483007.630  3733084.116      435.830
   LOCATION VOL58        VOLUME     483007.496  3733028.075      435.870
   LOCATION VOL59        VOLUME     483054.949  3733027.948      435.960
   LOCATION VOL60        VOLUME     483055.083  3733083.989      435.890
   LOCATION VOL61        VOLUME     483102.457  3733084.022      436.000
   LOCATION VOL62        VOLUME     483102.323  3733027.981      436.080
   LOCATION VOL63        VOLUME     483151.292  3733027.600      436.140
   LOCATION VOL64        VOLUME     483151.426  3733083.640      436.070
   LOCATION VOL65        VOLUME     483199.640  3733083.894      436.190
   LOCATION VOL66        VOLUME     483199.506  3733027.854      436.230
   LOCATION VOL67        VOLUME     483246.958  3733027.727      436.430
   LOCATION VOL68        VOLUME     483247.092  3733083.767      436.340
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0023618682
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 483281.144, 3733391.219, 436.67, 3.49, 4.00
** 483284.431, 3733666.238, 436.86, 3.49, 4.00
** 483229.098, 3733669.525, 436.67, 3.49, 4.00
** 483069.675, 3733670.073, 435.93, 3.49, 4.00
** 482821.501, 3733668.429, 435.60, 3.49, 4.00
** 482564.013, 3733671.168, 440.62, 3.49, 4.00
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   LOCATION L0000002     VOLUME   483281.298 3733404.103 436.51
   LOCATION L0000003     VOLUME   483281.401 3733412.693 436.51
   LOCATION L0000004     VOLUME   483281.503 3733421.282 436.49
   LOCATION L0000005     VOLUME   483281.606 3733429.871 436.50
   LOCATION L0000006     VOLUME   483281.709 3733438.461 436.53
   LOCATION L0000007     VOLUME   483281.811 3733447.050 436.57
   LOCATION L0000008     VOLUME   483281.914 3733455.639 436.62
   LOCATION L0000009     VOLUME   483282.016 3733464.229 436.68
   LOCATION L0000010     VOLUME   483282.119 3733472.818 436.72
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      LOCATION L0000011     VOLUME   483282.222 3733481.408 436.75
      LOCATION L0000012     VOLUME   483282.324 3733489.997 436.79
      LOCATION L0000013     VOLUME   483282.427 3733498.586 436.83
      LOCATION L0000014     VOLUME   483282.530 3733507.176 436.87
      LOCATION L0000015     VOLUME   483282.632 3733515.765 436.91
      LOCATION L0000016     VOLUME   483282.735 3733524.355 436.94
      LOCATION L0000017     VOLUME   483282.838 3733532.944 436.98
      LOCATION L0000018     VOLUME   483282.940 3733541.533 437.01
      LOCATION L0000019     VOLUME   483283.043 3733550.123 437.03
      LOCATION L0000020     VOLUME   483283.146 3733558.712 437.03
      LOCATION L0000021     VOLUME   483283.248 3733567.301 437.06
      LOCATION L0000022     VOLUME   483283.351 3733575.891 437.10
      LOCATION L0000023     VOLUME   483283.454 3733584.480 437.12
      LOCATION L0000024     VOLUME   483283.556 3733593.070 437.15
      LOCATION L0000025     VOLUME   483283.659 3733601.659 437.14
      LOCATION L0000026     VOLUME   483283.762 3733610.248 437.10
      LOCATION L0000027     VOLUME   483283.864 3733618.838 437.06
      LOCATION L0000028     VOLUME   483283.967 3733627.427 437.00
      LOCATION L0000029     VOLUME   483284.070 3733636.017 436.95
      LOCATION L0000030     VOLUME   483284.172 3733644.606 436.92
      LOCATION L0000031     VOLUME   483284.275 3733653.195 436.90
      LOCATION L0000032     VOLUME   483284.378 3733661.785 436.87
      LOCATION L0000033     VOLUME   483280.302 3733666.483 436.84
      LOCATION L0000034     VOLUME   483271.727 3733666.993 436.83
      LOCATION L0000035     VOLUME   483263.152 3733667.502 436.78
      LOCATION L0000036     VOLUME   483254.577 3733668.011 436.75
      LOCATION L0000037     VOLUME   483246.002 3733668.521 436.72
      LOCATION L0000038     VOLUME   483237.427 3733669.030 436.68
      LOCATION L0000039     VOLUME   483228.852 3733669.526 436.65
      LOCATION L0000040     VOLUME   483220.262 3733669.555 436.63
      LOCATION L0000041     VOLUME   483211.672 3733669.585 436.58
      LOCATION L0000042     VOLUME   483203.082 3733669.614 436.53
      LOCATION L0000043     VOLUME   483194.492 3733669.644 436.48
      LOCATION L0000044     VOLUME   483185.902 3733669.673 436.44
      LOCATION L0000045     VOLUME   483177.312 3733669.703 436.39
      LOCATION L0000046     VOLUME   483168.722 3733669.732 436.33
      LOCATION L0000047     VOLUME   483160.132 3733669.762 436.28
      LOCATION L0000048     VOLUME   483151.542 3733669.791 436.24
      LOCATION L0000049     VOLUME   483142.952 3733669.821 436.18
      LOCATION L0000050     VOLUME   483134.362 3733669.850 436.15
      LOCATION L0000051     VOLUME   483125.773 3733669.880 436.13
      LOCATION L0000052     VOLUME   483117.183 3733669.909 436.10
      LOCATION L0000053     VOLUME   483108.593 3733669.939 436.07
      LOCATION L0000054     VOLUME   483100.003 3733669.969 436.04
      LOCATION L0000055     VOLUME   483091.413 3733669.998 436.02
      LOCATION L0000056     VOLUME   483082.823 3733670.028 435.99
      LOCATION L0000057     VOLUME   483074.233 3733670.057 435.95
      LOCATION L0000058     VOLUME   483065.643 3733670.046 435.92
      LOCATION L0000059     VOLUME   483057.053 3733669.989 435.90
      LOCATION L0000060     VOLUME   483048.463 3733669.932 435.88
      LOCATION L0000061     VOLUME   483039.874 3733669.875 435.87
      LOCATION L0000062     VOLUME   483031.284 3733669.818 435.87
      LOCATION L0000063     VOLUME   483022.694 3733669.762 435.86
      LOCATION L0000064     VOLUME   483014.104 3733669.705 435.85
      LOCATION L0000065     VOLUME   483005.514 3733669.648 435.83
      LOCATION L0000066     VOLUME   482996.924 3733669.591 435.81
      LOCATION L0000067     VOLUME   482988.335 3733669.534 435.80
      LOCATION L0000068     VOLUME   482979.745 3733669.477 435.78
      LOCATION L0000069     VOLUME   482971.155 3733669.420 435.73
      LOCATION L0000070     VOLUME   482962.565 3733669.363 435.70
      LOCATION L0000071     VOLUME   482953.975 3733669.307 435.68
      LOCATION L0000072     VOLUME   482945.386 3733669.250 435.67
      LOCATION L0000073     VOLUME   482936.796 3733669.193 435.65
      LOCATION L0000074     VOLUME   482928.206 3733669.136 435.64
      LOCATION L0000075     VOLUME   482919.616 3733669.079 435.63
      LOCATION L0000076     VOLUME   482911.026 3733669.022 435.60
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    LOCATION L0000077     VOLUME   482902.437 3733668.965 435.62
    LOCATION L0000078     VOLUME   482893.847 3733668.908 435.65
    LOCATION L0000079     VOLUME   482885.257 3733668.851 435.62
    LOCATION L0000080     VOLUME   482876.667 3733668.795 435.60
    LOCATION L0000081     VOLUME   482868.077 3733668.738 435.64
    LOCATION L0000082     VOLUME   482859.487 3733668.681 435.65
    LOCATION L0000083     VOLUME   482850.898 3733668.624 435.63
    LOCATION L0000084     VOLUME   482842.308 3733668.567 435.62
    LOCATION L0000085     VOLUME   482833.718 3733668.510 435.61
    LOCATION L0000086     VOLUME   482825.128 3733668.453 435.61
    LOCATION L0000087     VOLUME   482816.539 3733668.482 435.61
    LOCATION L0000088     VOLUME   482807.949 3733668.573 435.63
    LOCATION L0000089     VOLUME   482799.360 3733668.665 435.62
    LOCATION L0000090     VOLUME   482790.770 3733668.756 435.61
    LOCATION L0000091     VOLUME   482782.181 3733668.848 435.62
    LOCATION L0000092     VOLUME   482773.591 3733668.939 435.61
    LOCATION L0000093     VOLUME   482765.001 3733669.030 435.59
    LOCATION L0000094     VOLUME   482756.412 3733669.122 435.61
    LOCATION L0000095     VOLUME   482747.822 3733669.213 435.67
    LOCATION L0000096     VOLUME   482739.233 3733669.304 435.67
    LOCATION L0000097     VOLUME   482730.643 3733669.396 435.67
    LOCATION L0000098     VOLUME   482722.054 3733669.487 435.73
    LOCATION L0000099     VOLUME   482713.464 3733669.579 435.79
    LOCATION L0000100     VOLUME   482704.875 3733669.670 435.96
    LOCATION L0000101     VOLUME   482696.285 3733669.761 436.22
    LOCATION L0000102     VOLUME   482687.696 3733669.853 436.46
    LOCATION L0000103     VOLUME   482679.106 3733669.944 436.71
    LOCATION L0000104     VOLUME   482670.517 3733670.035 437.01
    LOCATION L0000105     VOLUME   482661.927 3733670.127 437.33
    LOCATION L0000106     VOLUME   482653.338 3733670.218 437.66
    LOCATION L0000107     VOLUME   482644.748 3733670.310 438.01
    LOCATION L0000108     VOLUME   482636.159 3733670.401 438.35
    LOCATION L0000109     VOLUME   482627.569 3733670.492 438.68
    LOCATION L0000110     VOLUME   482618.980 3733670.584 438.99
    LOCATION L0000111     VOLUME   482610.390 3733670.675 439.28
    LOCATION L0000112     VOLUME   482601.801 3733670.766 439.56
    LOCATION L0000113     VOLUME   482593.211 3733670.858 439.84
    LOCATION L0000114     VOLUME   482584.622 3733670.949 440.14
    LOCATION L0000115     VOLUME   482576.032 3733671.041 440.39
    LOCATION L0000116     VOLUME   482567.443 3733671.132 440.62
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
    SRCPARAM VOL1         0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL2         0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL3         0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL4         0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL5         0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL6         0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL7         0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL8         0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL9         0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL10        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL11        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL12        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL13        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL14        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL15        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL16        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL17        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL18        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL19        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL20        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL21        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL22        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL23        0.0002724729     5.000    12.977     1.400
    SRCPARAM VOL24        0.0002724729     5.000    12.977     1.400
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     SRCPARAM VOL25        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL26        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL27        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL28        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL29        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL30        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL31        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL32        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL33        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL34        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL35        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL36        0.0002724729     5.000    12.977     1.400
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     SRCPARAM VOL38        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL39        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL40        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL41        0.0002724729     5.000    12.977     1.400
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     SRCPARAM VOL66        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL67        0.0002724729     5.000    12.977     1.400
     SRCPARAM VOL68        0.0002724729     5.000    12.977     1.400
** LINE VOLUME Source ID = SLINE1
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     SRCPARAM L0000002     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000003     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000004     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000005     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000006     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000007     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000008     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000009     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000010     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000011     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000012     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000013     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000014     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000015     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000016     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000017     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000018     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000019     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000020     0.0000203609      3.49      4.00      3.25
     SRCPARAM L0000021     0.0000203609      3.49      4.00      3.25
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330      SRCPARAM L0000022     0.0000203609      3.49      4.00      3.25
331      SRCPARAM L0000023     0.0000203609      3.49      4.00      3.25
332      SRCPARAM L0000024     0.0000203609      3.49      4.00      3.25
333      SRCPARAM L0000025     0.0000203609      3.49      4.00      3.25
334      SRCPARAM L0000026     0.0000203609      3.49      4.00      3.25
335      SRCPARAM L0000027     0.0000203609      3.49      4.00      3.25
336      SRCPARAM L0000028     0.0000203609      3.49      4.00      3.25
337      SRCPARAM L0000029     0.0000203609      3.49      4.00      3.25
338      SRCPARAM L0000030     0.0000203609      3.49      4.00      3.25
339      SRCPARAM L0000031     0.0000203609      3.49      4.00      3.25
340      SRCPARAM L0000032     0.0000203609      3.49      4.00      3.25
341      SRCPARAM L0000033     0.0000203609      3.49      4.00      3.25
342      SRCPARAM L0000034     0.0000203609      3.49      4.00      3.25
343      SRCPARAM L0000035     0.0000203609      3.49      4.00      3.25
344      SRCPARAM L0000036     0.0000203609      3.49      4.00      3.25
345      SRCPARAM L0000037     0.0000203609      3.49      4.00      3.25
346      SRCPARAM L0000038     0.0000203609      3.49      4.00      3.25
347      SRCPARAM L0000039     0.0000203609      3.49      4.00      3.25
348      SRCPARAM L0000040     0.0000203609      3.49      4.00      3.25
349      SRCPARAM L0000041     0.0000203609      3.49      4.00      3.25
350      SRCPARAM L0000042     0.0000203609      3.49      4.00      3.25
351      SRCPARAM L0000043     0.0000203609      3.49      4.00      3.25
352      SRCPARAM L0000044     0.0000203609      3.49      4.00      3.25
353      SRCPARAM L0000045     0.0000203609      3.49      4.00      3.25
354      SRCPARAM L0000046     0.0000203609      3.49      4.00      3.25
355      SRCPARAM L0000047     0.0000203609      3.49      4.00      3.25
356      SRCPARAM L0000048     0.0000203609      3.49      4.00      3.25
357      SRCPARAM L0000049     0.0000203609      3.49      4.00      3.25
358      SRCPARAM L0000050     0.0000203609      3.49      4.00      3.25
359      SRCPARAM L0000051     0.0000203609      3.49      4.00      3.25
360      SRCPARAM L0000052     0.0000203609      3.49      4.00      3.25
361      SRCPARAM L0000053     0.0000203609      3.49      4.00      3.25
362      SRCPARAM L0000054     0.0000203609      3.49      4.00      3.25
363      SRCPARAM L0000055     0.0000203609      3.49      4.00      3.25
364      SRCPARAM L0000056     0.0000203609      3.49      4.00      3.25
365      SRCPARAM L0000057     0.0000203609      3.49      4.00      3.25
366      SRCPARAM L0000058     0.0000203609      3.49      4.00      3.25
367      SRCPARAM L0000059     0.0000203609      3.49      4.00      3.25
368      SRCPARAM L0000060     0.0000203609      3.49      4.00      3.25
369      SRCPARAM L0000061     0.0000203609      3.49      4.00      3.25
370      SRCPARAM L0000062     0.0000203609      3.49      4.00      3.25
371      SRCPARAM L0000063     0.0000203609      3.49      4.00      3.25
372      SRCPARAM L0000064     0.0000203609      3.49      4.00      3.25
373      SRCPARAM L0000065     0.0000203609      3.49      4.00      3.25
374      SRCPARAM L0000066     0.0000203609      3.49      4.00      3.25
375      SRCPARAM L0000067     0.0000203609      3.49      4.00      3.25
376      SRCPARAM L0000068     0.0000203609      3.49      4.00      3.25
377      SRCPARAM L0000069     0.0000203609      3.49      4.00      3.25
378      SRCPARAM L0000070     0.0000203609      3.49      4.00      3.25
379      SRCPARAM L0000071     0.0000203609      3.49      4.00      3.25
380      SRCPARAM L0000072     0.0000203609      3.49      4.00      3.25
381      SRCPARAM L0000073     0.0000203609      3.49      4.00      3.25
382      SRCPARAM L0000074     0.0000203609      3.49      4.00      3.25
383      SRCPARAM L0000075     0.0000203609      3.49      4.00      3.25
384      SRCPARAM L0000076     0.0000203609      3.49      4.00      3.25
385      SRCPARAM L0000077     0.0000203609      3.49      4.00      3.25
386      SRCPARAM L0000078     0.0000203609      3.49      4.00      3.25
387      SRCPARAM L0000079     0.0000203609      3.49      4.00      3.25
388      SRCPARAM L0000080     0.0000203609      3.49      4.00      3.25
389      SRCPARAM L0000081     0.0000203609      3.49      4.00      3.25
390      SRCPARAM L0000082     0.0000203609      3.49      4.00      3.25
391      SRCPARAM L0000083     0.0000203609      3.49      4.00      3.25
392      SRCPARAM L0000084     0.0000203609      3.49      4.00      3.25
393      SRCPARAM L0000085     0.0000203609      3.49      4.00      3.25
394      SRCPARAM L0000086     0.0000203609      3.49      4.00      3.25
395      SRCPARAM L0000087     0.0000203609      3.49      4.00      3.25
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   SRCPARAM L0000088     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000089     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000090     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000091     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000092     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000093     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000094     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000095     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000096     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000097     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000098     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000099     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000100     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000101     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000102     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000103     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000104     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000105     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000106     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000107     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000108     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000109     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000110     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000111     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000112     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000113     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000114     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000115     0.0000203609      3.49      4.00      3.25
   SRCPARAM L0000116     0.0000203609      3.49      4.00      3.25
** ------------------------------------------------------------------
**
** No Building Downwash **
**
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL12        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL13        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL15        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL16        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL18        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL21        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL27        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL28        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL29        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL32        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL33        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL34        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL38        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL38        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL39        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL40        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL41        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL42        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL43        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL44        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL45        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL47        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL47        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL49        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL50        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL51        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL52        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL53        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL54        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL55        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL56        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL56        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL57        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL57        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL58        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL59        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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1320      EMISFACT VOL60        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1321      EMISFACT VOL60        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
1322      EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1323   ** Saturday:
1324      EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1325      EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1326      EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1327      EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1328   ** Sunday:
1329      EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1330      EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1331      EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1332      EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1333   ** WeekDays:
1334      EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1335      EMISFACT VOL61        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1336      EMISFACT VOL61        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
1337      EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1338   ** Saturday:
1339      EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1340      EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1341      EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1342      EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1343   ** Sunday:
1344      EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1345      EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1346      EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1347      EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1348   ** WeekDays:
1349      EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1350      EMISFACT VOL62        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1351      EMISFACT VOL62        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
1352      EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1353   ** Saturday:
1354      EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1355      EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1356      EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1357      EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1358   ** Sunday:
1359      EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1360      EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1361      EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1362      EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1363   ** WeekDays:
1364      EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1365      EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1366      EMISFACT VOL63        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
1367      EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1368   ** Saturday:
1369      EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1370      EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1371      EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1372      EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1373   ** Sunday:
1374      EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1375      EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1376      EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1377      EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1378   ** WeekDays:
1379      EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1380      EMISFACT VOL64        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1381      EMISFACT VOL64        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
1382      EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1383   ** Saturday:
1384      EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1385      EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL64        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL65        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL65        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL66        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL66        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL67        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL67        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT VOL68        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT VOL68        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
    EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000001     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000002     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000003     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000004     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000004     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000005     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000006     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000007     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000008     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000009     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000010     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000010     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000011     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000011     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000012     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000012     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000013     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000013     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000014     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000014     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000015     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000015     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000016     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
    EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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1518      EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1519      EMISFACT L0000017     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1520      EMISFACT L0000017     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
1521      EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1522      EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1523      EMISFACT L0000018     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1524      EMISFACT L0000018     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
1525      EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1526      EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1527      EMISFACT L0000019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1528      EMISFACT L0000019     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
1529      EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1530      EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1531      EMISFACT L0000020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1532      EMISFACT L0000020     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
1533      EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1534      EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1535      EMISFACT L0000021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1536      EMISFACT L0000021     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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1847      EMISFACT L0000099     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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1853      EMISFACT L0000100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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1874      EMISFACT L0000106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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1888      EMISFACT L0000109     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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1890      EMISFACT L0000110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1891      EMISFACT L0000110     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
1892      EMISFACT L0000110     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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1901      EMISFACT L0000112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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1904      EMISFACT L0000113     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
1905      EMISFACT L0000113     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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1913      EMISFACT L0000115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0000116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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    EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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1982      EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1983      EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1984      EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1985      EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1986      EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1987      EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1988      EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1989      EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1990      EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1991      EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1992      EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1993      EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1994      EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1995      EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1996      EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1997      EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1998      EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
1999      EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2000      EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2001      EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2002      EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2003      EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2004      EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2005      EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2006      EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2007      EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2008      EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2009      EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2010      EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2011      EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2012      EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2013      EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2014      EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2015      EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2016      EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2017      EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2018      EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2019      EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2020      EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2021      EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2022      EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2023      EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2024      EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2025      EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2027      EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2034      EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2035      EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2039      EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2042      EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2043      EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2044      EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2045      EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2053      EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2054      EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2055      EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2056      EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2177      EMISFACT L0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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     EMISFACT L0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2254      EMISFACT L0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2267      EMISFACT L0000088     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2272      EMISFACT L0000089     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2276      EMISFACT L0000090     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2278      EMISFACT L0000090     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2279      EMISFACT L0000091     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2283      EMISFACT L0000092     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2287      EMISFACT L0000093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2303      EMISFACT L0000097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2304      EMISFACT L0000097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2305      EMISFACT L0000097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2306      EMISFACT L0000097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2308      EMISFACT L0000098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2309      EMISFACT L0000098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2331      EMISFACT L0000104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2342      EMISFACT L0000106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2375      EMISFACT L0000115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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     EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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     EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2463      EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2503      EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2504      EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2507      EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2754      EMISFACT L0000093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2755      EMISFACT L0000093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2756      EMISFACT L0000094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2757      EMISFACT L0000094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2758      EMISFACT L0000094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2759      EMISFACT L0000094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2760      EMISFACT L0000095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2761      EMISFACT L0000095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2762      EMISFACT L0000095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2763      EMISFACT L0000095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2764      EMISFACT L0000096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2765      EMISFACT L0000096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2766      EMISFACT L0000096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2767      EMISFACT L0000096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2768      EMISFACT L0000097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2769      EMISFACT L0000097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2770      EMISFACT L0000097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2771      EMISFACT L0000097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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2772      EMISFACT L0000098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2773      EMISFACT L0000098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2774      EMISFACT L0000098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2775      EMISFACT L0000098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2776      EMISFACT L0000099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2777      EMISFACT L0000099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2778      EMISFACT L0000099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2779      EMISFACT L0000099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2780      EMISFACT L0000100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2781      EMISFACT L0000100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2782      EMISFACT L0000100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2783      EMISFACT L0000100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2784      EMISFACT L0000101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2785      EMISFACT L0000101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2786      EMISFACT L0000101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2787      EMISFACT L0000101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2788      EMISFACT L0000102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2789      EMISFACT L0000102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2790      EMISFACT L0000102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2791      EMISFACT L0000102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2792      EMISFACT L0000103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2793      EMISFACT L0000103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2794      EMISFACT L0000103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2795      EMISFACT L0000103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2796      EMISFACT L0000104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2797      EMISFACT L0000104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2798      EMISFACT L0000104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2799      EMISFACT L0000104     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2800      EMISFACT L0000105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2801      EMISFACT L0000105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2802      EMISFACT L0000105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2803      EMISFACT L0000105     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2804      EMISFACT L0000106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2805      EMISFACT L0000106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2806      EMISFACT L0000106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2807      EMISFACT L0000106     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2808      EMISFACT L0000107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2809      EMISFACT L0000107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2810      EMISFACT L0000107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2811      EMISFACT L0000107     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2812      EMISFACT L0000108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2813      EMISFACT L0000108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2814      EMISFACT L0000108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2815      EMISFACT L0000108     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2816      EMISFACT L0000109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2817      EMISFACT L0000109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2818      EMISFACT L0000109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2819      EMISFACT L0000109     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2820      EMISFACT L0000110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2821      EMISFACT L0000110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2822      EMISFACT L0000110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2823      EMISFACT L0000110     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2824      EMISFACT L0000111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2825      EMISFACT L0000111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2826      EMISFACT L0000111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2827      EMISFACT L0000111     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2828      EMISFACT L0000112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2829      EMISFACT L0000112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2830      EMISFACT L0000112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2831      EMISFACT L0000112     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2832      EMISFACT L0000113     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2833      EMISFACT L0000113     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2834      EMISFACT L0000113     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2835      EMISFACT L0000113     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2836      EMISFACT L0000114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
2837      EMISFACT L0000114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT L0000114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000114     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "16568-02 Construction.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\PERI_V11_trimmed.sfc
   PROFFILE ..\PERI_V11_trimmed.PFL
   SURFDATA 3171 2016
   UAIRDATA 3190 2016
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "16568-02 CONSTRUCTION.AD\PE00GALL.PLT" 31
   SUMMFILE "16568-02 Construction.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2872       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
 used           0.50
 ME W187    2872       MEOPEN: ADJ_U* Option for Stable Low Winds used in
 AERMET
```

```
 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                ***
 14:35:15

                              PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   184 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: DPM

 **Model Calculates PERIOD Averages Only

 **This Run Includes:    184 Source(s);       1 Source Group(s); and      26 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    184 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
```

b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 442.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File:
aermod.inp

**Output Print File:
aermod.out

**Detailed Error/Message File: 16568-02
Construction.err
**File for Summary of Results: 16568-02
Construction.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE INIT. PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ	SOURCE SCALAR VARY BY
VOL1	0	0.27247E-03	482910.1	3733440.9	435.4	5.00	12.98	1.40	YES HRDOW
VOL2	0	0.27247E-03	482959.1	3733440.6	435.5	5.00	12.98	1.40	YES HRDOW
VOL3	0	0.27247E-03	483007.3	3733440.8	435.7	5.00	12.98	1.40	YES HRDOW
VOL4	0	0.27247E-03	483054.8	3733440.7	435.8	5.00	12.98	1.40	YES HRDOW
VOL5	0	0.27247E-03	482910.1	3733391.2	435.5	5.00	12.98	1.40	YES HRDOW
VOL6	0	0.27247E-03	482959.1	3733390.8	435.5	5.00	12.98	1.40	YES HRDOW
VOL7	0	0.27247E-03	483007.3	3733391.1	435.6	5.00	12.98	1.40	YES HRDOW
VOL8	0	0.27247E-03	483054.7	3733390.9	435.6	5.00	12.98	1.40	YES HRDOW
VOL9	0	0.27247E-03	483102.1	3733391.0	436.0	5.00	12.98	1.40	YES HRDOW
VOL10	0	0.27247E-03	483151.1	3733390.6	436.2	5.00	12.98	1.40	YES HRDOW
VOL11	0	0.27247E-03	483199.3	3733390.8	436.4	5.00	12.98	1.40	YES HRDOW
VOL12	0	0.27247E-03	483246.7	3733390.7	436.5	5.00	12.98		

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      1.40     YES   HRDOW            NO
3001  VOL13          0   0.27247E-03  482910.0 3733335.1   435.4     5.00    12.98
      1.40     YES   HRDOW            NO
3002  VOL14          0   0.27247E-03  482958.9 3733334.8   435.6     5.00    12.98
      1.40     YES   HRDOW            NO
3003  VOL15          0   0.27247E-03  483007.1 3733335.0   435.6     5.00    12.98
      1.40     YES   HRDOW            NO
3004  VOL16          0   0.27247E-03  483054.6 3733334.9   435.8     5.00    12.98
      1.40     YES   HRDOW            NO
3005  VOL17          0   0.27247E-03  483102.0 3733334.9   436.0     5.00    12.98
      1.40     YES   HRDOW            NO
3006  VOL18          0   0.27247E-03  483150.9 3733334.5   436.1     5.00    12.98
      1.40     YES   HRDOW            NO
3007  VOL19          0   0.27247E-03  483199.2 3733334.8   436.2     5.00    12.98
      1.40     YES   HRDOW            NO
3008  VOL20          0   0.27247E-03  483246.6 3733334.7   436.5     5.00    12.98
      1.40     YES   HRDOW            NO
3009  VOL21          0   0.27247E-03  482909.8 3733279.1   435.6     5.00    12.98
      1.40     YES   HRDOW            NO
3010  VOL22          0   0.27247E-03  482909.7 3733223.0   435.5     5.00    12.98
      1.40     YES   HRDOW            NO
3011  VOL23          0   0.27247E-03  482958.7 3733222.7   435.7     5.00    12.98
      1.40     YES   HRDOW            NO
3012  VOL24          0   0.27247E-03  482958.8 3733278.7   435.7     5.00    12.98
      1.40     YES   HRDOW            NO
3013  VOL25          0   0.27247E-03  483007.0 3733279.0   435.7     5.00    12.98
      1.40     YES   HRDOW            NO
3014  VOL26          0   0.27247E-03  483006.9 3733222.9   436.0     5.00    12.98
      1.40     YES   HRDOW            NO
3015  VOL27          0   0.27247E-03  483054.3 3733222.8   436.0     5.00    12.98
      1.40     YES   HRDOW            NO
3016  VOL28          0   0.27247E-03  483054.5 3733278.8   435.8     5.00    12.98
      1.40     YES   HRDOW            NO
3017  VOL29          0   0.27247E-03  483101.8 3733278.9   436.5     5.00    12.98
      1.40     YES   HRDOW            NO
3018  VOL30          0   0.27247E-03  483101.7 3733222.8   436.4     5.00    12.98
      1.40     YES   HRDOW            NO
3019  VOL31          0   0.27247E-03  483150.7 3733222.4   437.5     5.00    12.98
      1.40     YES   HRDOW            NO
3020  VOL32          0   0.27247E-03  483150.8 3733278.5   436.6     5.00    12.98
      1.40     YES   HRDOW            NO
3021  VOL33          0   0.27247E-03  483199.0 3733278.7   436.7     5.00    12.98
      1.40     YES   HRDOW            NO
3022  VOL34          0   0.27247E-03  483198.9 3733222.7   436.8     5.00    12.98
      1.40     YES   HRDOW            NO
3023  VOL35          0   0.27247E-03  483246.3 3733222.6   436.8     5.00    12.98
      1.40     YES   HRDOW            NO
3024  VOL36          0   0.27247E-03  483246.5 3733278.6   436.8     5.00    12.98
      1.40     YES   HRDOW            NO
3025  VOL37          0   0.27247E-03  482909.8 3733166.7   435.5     5.00    12.98
      1.40     YES   HRDOW            NO
3026  VOL38          0   0.27247E-03  482909.7 3733110.6   435.7     5.00    12.98
      1.40     YES   HRDOW            NO
3027  VOL39          0   0.27247E-03  482958.7 3733110.3   435.8     5.00    12.98
      1.40     YES   HRDOW            NO
3028  VOL40          0   0.27247E-03  482958.8 3733166.3   435.7     5.00    12.98
      1.40     YES   HRDOW            NO
3029  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       08/13/25
3030   *** AERMET - VERSION  22112 ***
       ***                                                          ***
       14:35:15
3031
                                  PAGE   3
3032   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3033
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER INIT. PART. CATS.	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ (METERS)
VOL41	0			0.27247E-03	483007.0	3733166.6	435.8	5.00	12.98	1.40
VOL42	0			0.27247E-03	483006.9	3733110.5	435.8	5.00	12.98	1.40
VOL43	0			0.27247E-03	483054.3	3733110.4	435.9	5.00	12.98	1.40
VOL44	0			0.27247E-03	483054.5	3733166.4	436.0	5.00	12.98	1.40
VOL45	0			0.27247E-03	483101.8	3733166.5	436.3	5.00	12.98	1.40
VOL46	0			0.27247E-03	483101.7	3733110.4	435.9	5.00	12.98	1.40
VOL47	0			0.27247E-03	483150.7	3733110.0	436.1	5.00	12.98	1.40
VOL48	0			0.27247E-03	483150.8	3733166.1	436.5	5.00	12.98	1.40
VOL49	0			0.27247E-03	483199.0	3733166.3	436.3	5.00	12.98	1.40
VOL50	0			0.27247E-03	483198.9	3733110.3	436.2	5.00	12.98	1.40
VOL51	0			0.27247E-03	483246.3	3733110.2	436.3	5.00	12.98	1.40
VOL52	0			0.27247E-03	483246.5	3733166.2	436.3	5.00	12.98	1.40
VOL53	0			0.27247E-03	482910.4	3733084.2	435.7	5.00	12.98	1.40
VOL54	0			0.27247E-03	482910.3	3733028.2	435.7	5.00	12.98	1.40
VOL55	0			0.27247E-03	482959.3	3733027.8	435.8	5.00	12.98	1.40
VOL56	0			0.27247E-03	482959.4	3733083.9	435.8	5.00	12.98	1.40
VOL57	0			0.27247E-03	483007.6	3733084.1	435.8	5.00	12.98	1.40
VOL58	0			0.27247E-03	483007.5	3733028.1	435.9	5.00	12.98	1.40
VOL59	0			0.27247E-03	483054.9	3733027.9	436.0	5.00	12.98	1.40
VOL60	0			0.27247E-03	483055.1	3733084.0	435.9	5.00	12.98	1.40
VOL61	0			0.27247E-03	483102.5	3733084.0	436.0	5.00	12.98	1.40
VOL62	0			0.27247E-03	483102.3	3733028.0	436.1	5.00	12.98	1.40
VOL63	0			0.27247E-03	483151.3	3733027.6	436.1	5.00	12.98	1.40
VOL64	0			0.27247E-03	483151.4	3733083.6	436.1	5.00	12.98	1.40
VOL65	0			0.27247E-03	483199.6	3733083.9	436.2	5.00	12.98	1.40
VOL66	0			0.27247E-03	483199.5	3733027.9	436.2	5.00	12.98	1.40
VOL67	0			0.27247E-03	483247.0	3733027.7	436.4	5.00	12.98	1.40

SOURCE ID	SOURCE SZ	URBAN SOURCE	SCALAR VARY BY	AIRCRAFT
VOL41	YES	HRDOW		NO
VOL42	YES	HRDOW		NO
VOL43	YES	HRDOW		NO
VOL44	YES	HRDOW		NO
VOL45	YES	HRDOW		NO
VOL46	YES	HRDOW		NO
VOL47	YES	HRDOW		NO
VOL48	YES	HRDOW		NO
VOL49	YES	HRDOW		NO
VOL50	YES	HRDOW		NO
VOL51	YES	HRDOW		NO
VOL52	YES	HRDOW		NO
VOL53	YES	HRDOW		NO
VOL54	YES	HRDOW		NO
VOL55	YES	HRDOW		NO
VOL56	YES	HRDOW		NO
VOL57	YES	HRDOW		NO
VOL58	YES	HRDOW		NO
VOL59	YES	HRDOW		NO
VOL60	YES	HRDOW		NO
VOL61	YES	HRDOW		NO
VOL62	YES	HRDOW		NO
VOL63	YES	HRDOW		NO
VOL64	YES	HRDOW		NO
VOL65	YES	HRDOW		NO
VOL66	YES	HRDOW		NO
VOL67	YES	HRDOW		NO

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3069    VOL68           0   0.27247E-03  483247.1 3733083.8   436.3     5.00    12.98
        1.40     YES   HRDOW            NO
3070    L0000001        0   0.20361E-04  483281.2 3733395.5   436.5     3.49     4.00
        3.25     YES   HRDOW            NO
3071    L0000002        0   0.20361E-04  483281.3 3733404.1   436.5     3.49     4.00
        3.25     YES   HRDOW            NO
3072    L0000003        0   0.20361E-04  483281.4 3733412.7   436.5     3.49     4.00
        3.25     YES   HRDOW            NO
3073    L0000004        0   0.20361E-04  483281.5 3733421.3   436.5     3.49     4.00
        3.25     YES   HRDOW            NO
3074    L0000005        0   0.20361E-04  483281.6 3733429.9   436.5     3.49     4.00
        3.25     YES   HRDOW            NO
3075    L0000006        0   0.20361E-04  483281.7 3733438.5   436.5     3.49     4.00
        3.25     YES   HRDOW            NO
3076    L0000007        0   0.20361E-04  483281.8 3733447.0   436.6     3.49     4.00
        3.25     YES   HRDOW            NO
3077    L0000008        0   0.20361E-04  483281.9 3733455.6   436.6     3.49     4.00
        3.25     YES   HRDOW            NO
3078    L0000009        0   0.20361E-04  483282.0 3733464.2   436.7     3.49     4.00
        3.25     YES   HRDOW            NO
3079    L0000010        0   0.20361E-04  483282.1 3733472.8   436.7     3.49     4.00
        3.25     YES   HRDOW            NO
3080    L0000011        0   0.20361E-04  483282.2 3733481.4   436.8     3.49     4.00
        3.25     YES   HRDOW            NO
3081    L0000012        0   0.20361E-04  483282.3 3733490.0   436.8     3.49     4.00
        3.25     YES   HRDOW            NO
3082    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3083     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         14:35:15
3084
                                    PAGE   4
3085    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3086
3087
3088                                                  *** VOLUME SOURCE DATA ***
3089
3090                  NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                      INIT.   URBAN  EMISSION RATE   AIRCRAFT
3091      SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
          SZ     SOURCE  SCALAR VARY
3092        ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
            (METERS)              BY
3093    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - -
3094
3095    L0000013        0   0.20361E-04  483282.4 3733498.6   436.8     3.49     4.00
        3.25     YES   HRDOW            NO
3096    L0000014        0   0.20361E-04  483282.5 3733507.2   436.9     3.49     4.00
        3.25     YES   HRDOW            NO
3097    L0000015        0   0.20361E-04  483282.6 3733515.8   436.9     3.49     4.00
        3.25     YES   HRDOW            NO
3098    L0000016        0   0.20361E-04  483282.7 3733524.4   436.9     3.49     4.00
        3.25     YES   HRDOW            NO
3099    L0000017        0   0.20361E-04  483282.8 3733532.9   437.0     3.49     4.00
        3.25     YES   HRDOW            NO
3100    L0000018        0   0.20361E-04  483282.9 3733541.5   437.0     3.49     4.00
        3.25     YES   HRDOW            NO
3101    L0000019        0   0.20361E-04  483283.0 3733550.1   437.0     3.49     4.00
        3.25     YES   HRDOW            NO
3102    L0000020        0   0.20361E-04  483283.1 3733558.7   437.0     3.49     4.00
        3.25     YES   HRDOW            NO
3103    L0000021        0   0.20361E-04  483283.2 3733567.3   437.1     3.49     4.00
        3.25     YES   HRDOW            NO
3104    L0000022        0   0.20361E-04  483283.4 3733575.9   437.1     3.49     4.00
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      3.25     YES   HRDOW            NO
3105  L0000023          0   0.20361E-04  483283.5 3733584.5   437.1     3.49     4.00
      3.25     YES   HRDOW            NO
3106  L0000024          0   0.20361E-04  483283.6 3733593.1   437.2     3.49     4.00
      3.25     YES   HRDOW            NO
3107  L0000025          0   0.20361E-04  483283.7 3733601.7   437.1     3.49     4.00
      3.25     YES   HRDOW            NO
3108  L0000026          0   0.20361E-04  483283.8 3733610.2   437.1     3.49     4.00
      3.25     YES   HRDOW            NO
3109  L0000027          0   0.20361E-04  483283.9 3733618.8   437.1     3.49     4.00
      3.25     YES   HRDOW            NO
3110  L0000028          0   0.20361E-04  483284.0 3733627.4   437.0     3.49     4.00
      3.25     YES   HRDOW            NO
3111  L0000029          0   0.20361E-04  483284.1 3733636.0   436.9     3.49     4.00
      3.25     YES   HRDOW            NO
3112  L0000030          0   0.20361E-04  483284.2 3733644.6   436.9     3.49     4.00
      3.25     YES   HRDOW            NO
3113  L0000031          0   0.20361E-04  483284.3 3733653.2   436.9     3.49     4.00
      3.25     YES   HRDOW            NO
3114  L0000032          0   0.20361E-04  483284.4 3733661.8   436.9     3.49     4.00
      3.25     YES   HRDOW            NO
3115  L0000033          0   0.20361E-04  483280.3 3733666.5   436.8     3.49     4.00
      3.25     YES   HRDOW            NO
3116  L0000034          0   0.20361E-04  483271.7 3733667.0   436.8     3.49     4.00
      3.25     YES   HRDOW            NO
3117  L0000035          0   0.20361E-04  483263.2 3733667.5   436.8     3.49     4.00
      3.25     YES   HRDOW            NO
3118  L0000036          0   0.20361E-04  483254.6 3733668.0   436.8     3.49     4.00
      3.25     YES   HRDOW            NO
3119  L0000037          0   0.20361E-04  483246.0 3733668.5   436.7     3.49     4.00
      3.25     YES   HRDOW            NO
3120  L0000038          0   0.20361E-04  483237.4 3733669.0   436.7     3.49     4.00
      3.25     YES   HRDOW            NO
3121  L0000039          0   0.20361E-04  483228.9 3733669.5   436.7     3.49     4.00
      3.25     YES   HRDOW            NO
3122  L0000040          0   0.20361E-04  483220.3 3733669.6   436.6     3.49     4.00
      3.25     YES   HRDOW            NO
3123  L0000041          0   0.20361E-04  483211.7 3733669.6   436.6     3.49     4.00
      3.25     YES   HRDOW            NO
3124  L0000042          0   0.20361E-04  483203.1 3733669.6   436.5     3.49     4.00
      3.25     YES   HRDOW            NO
3125  L0000043          0   0.20361E-04  483194.5 3733669.6   436.5     3.49     4.00
      3.25     YES   HRDOW            NO
3126  L0000044          0   0.20361E-04  483185.9 3733669.7   436.4     3.49     4.00
      3.25     YES   HRDOW            NO
3127  L0000045          0   0.20361E-04  483177.3 3733669.7   436.4     3.49     4.00
      3.25     YES   HRDOW            NO
3128  L0000046          0   0.20361E-04  483168.7 3733669.7   436.3     3.49     4.00
      3.25     YES   HRDOW            NO
3129  L0000047          0   0.20361E-04  483160.1 3733669.8   436.3     3.49     4.00
      3.25     YES   HRDOW            NO
3130  L0000048          0   0.20361E-04  483151.5 3733669.8   436.2     3.49     4.00
      3.25     YES   HRDOW            NO
3131  L0000049          0   0.20361E-04  483143.0 3733669.8   436.2     3.49     4.00
      3.25     YES   HRDOW            NO
3132  L0000050          0   0.20361E-04  483134.4 3733669.8   436.2     3.49     4.00
      3.25     YES   HRDOW            NO
3133  L0000051          0   0.20361E-04  483125.8 3733669.9   436.1     3.49     4.00
      3.25     YES   HRDOW            NO
3134  L0000052          0   0.20361E-04  483117.2 3733669.9   436.1     3.49     4.00
      3.25     YES   HRDOW            NO
3135  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       08/13/25
3136   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       14:35:15
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER INIT. PART. CATS.	URBAN SOURCE	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	BASE HEIGHT (METERS)	RELEASE HEIGHT (METERS)	INIT. SY SZ (METERS)
L0000053	0	YES	0.20361E-04 HRDOW	483108.6	3733669.9	436.1	3.49	4.00	3.25
L0000054	0	YES	0.20361E-04 HRDOW	483100.0	3733670.0	436.0	3.49	4.00	3.25
L0000055	0	YES	0.20361E-04 HRDOW	483091.4	3733670.0	436.0	3.49	4.00	3.25
L0000056	0	YES	0.20361E-04 HRDOW	483082.8	3733670.0	436.0	3.49	4.00	3.25
L0000057	0	YES	0.20361E-04 HRDOW	483074.2	3733670.1	435.9	3.49	4.00	3.25
L0000058	0	YES	0.20361E-04 HRDOW	483065.6	3733670.0	435.9	3.49	4.00	3.25
L0000059	0	YES	0.20361E-04 HRDOW	483057.1	3733670.0	435.9	3.49	4.00	3.25
L0000060	0	YES	0.20361E-04 HRDOW	483048.5	3733669.9	435.9	3.49	4.00	3.25
L0000061	0	YES	0.20361E-04 HRDOW	483039.9	3733669.9	435.9	3.49	4.00	3.25
L0000062	0	YES	0.20361E-04 HRDOW	483031.3	3733669.8	435.9	3.49	4.00	3.25
L0000063	0	YES	0.20361E-04 HRDOW	483022.7	3733669.8	435.9	3.49	4.00	3.25
L0000064	0	YES	0.20361E-04 HRDOW	483014.1	3733669.7	435.9	3.49	4.00	3.25
L0000065	0	YES	0.20361E-04 HRDOW	483005.5	3733669.6	435.8	3.49	4.00	3.25
L0000066	0	YES	0.20361E-04 HRDOW	482996.9	3733669.6	435.8	3.49	4.00	3.25
L0000067	0	YES	0.20361E-04 HRDOW	482988.3	3733669.5	435.8	3.49	4.00	3.25
L0000068	0	YES	0.20361E-04 HRDOW	482979.7	3733669.5	435.8	3.49	4.00	3.25
L0000069	0	YES	0.20361E-04 HRDOW	482971.2	3733669.4	435.7	3.49	4.00	3.25
L0000070	0	YES	0.20361E-04 HRDOW	482962.6	3733669.4	435.7	3.49	4.00	3.25
L0000071	0	YES	0.20361E-04 HRDOW	482954.0	3733669.3	435.7	3.49	4.00	3.25
L0000072	0	YES	0.20361E-04 HRDOW	482945.4	3733669.2	435.7	3.49	4.00	3.25
L0000073	0	YES	0.20361E-04 HRDOW	482936.8	3733669.2	435.7	3.49	4.00	3.25
L0000074	0	YES	0.20361E-04 HRDOW	482928.2	3733669.1	435.6	3.49	4.00	3.25
L0000075	0	YES	0.20361E-04 HRDOW	482919.6	3733669.1	435.6	3.49	4.00	3.25
L0000076	0	YES	0.20361E-04 HRDOW	482911.0	3733669.0	435.6	3.49	4.00	3.25
L0000077	0	YES	0.20361E-04 HRDOW	482902.4	3733669.0	435.6	3.49	4.00	3.25

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   L0000078         0   0.20361E-04  482893.8 3733668.9   435.7     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000079         0   0.20361E-04  482885.3 3733668.9   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000080         0   0.20361E-04  482876.7 3733668.8   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000081         0   0.20361E-04  482868.1 3733668.7   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000082         0   0.20361E-04  482859.5 3733668.7   435.7     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000083         0   0.20361E-04  482850.9 3733668.6   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000084         0   0.20361E-04  482842.3 3733668.6   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000085         0   0.20361E-04  482833.7 3733668.5   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000086         0   0.20361E-04  482825.1 3733668.5   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000087         0   0.20361E-04  482816.5 3733668.5   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000088         0   0.20361E-04  482807.9 3733668.6   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000089         0   0.20361E-04  482799.4 3733668.7   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000090         0   0.20361E-04  482790.8 3733668.8   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000091         0   0.20361E-04  482782.2 3733668.8   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000092         0   0.20361E-04  482773.6 3733668.9   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
   Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
    *** AERMET - VERSION  22112 ***
    ***                                                                ***
    14:35:15

                                PAGE   6
   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

                  NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                  INIT.   URBAN  EMISSION RATE   AIRCRAFT
     SOURCE        PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
     SZ     SOURCE  SCALAR VARY
       ID          CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
       (METERS)              BY
   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
   - - - - - - - - - - - - - - - - - - -

   L0000093         0   0.20361E-04  482765.0 3733669.0   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000094         0   0.20361E-04  482756.4 3733669.1   435.6     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000095         0   0.20361E-04  482747.8 3733669.2   435.7     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000096         0   0.20361E-04  482739.2 3733669.3   435.7     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000097         0   0.20361E-04  482730.6 3733669.4   435.7     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000098         0   0.20361E-04  482722.1 3733669.5   435.7     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000099         0   0.20361E-04  482713.5 3733669.6   435.8     3.49     4.00
     3.25     YES   HRDOW            NO
   L0000100         0   0.20361E-04  482704.9 3733669.7   436.0     3.49     4.00
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      3.25     YES   HRDOW            NO
3209  L0000101         0   0.20361E-04  482696.3 3733669.8   436.2     3.49     4.00
      3.25     YES   HRDOW            NO
3210  L0000102         0   0.20361E-04  482687.7 3733669.9   436.5     3.49     4.00
      3.25     YES   HRDOW            NO
3211  L0000103         0   0.20361E-04  482679.1 3733669.9   436.7     3.49     4.00
      3.25     YES   HRDOW            NO
3212  L0000104         0   0.20361E-04  482670.5 3733670.0   437.0     3.49     4.00
      3.25     YES   HRDOW            NO
3213  L0000105         0   0.20361E-04  482661.9 3733670.1   437.3     3.49     4.00
      3.25     YES   HRDOW            NO
3214  L0000106         0   0.20361E-04  482653.3 3733670.2   437.7     3.49     4.00
      3.25     YES   HRDOW            NO
3215  L0000107         0   0.20361E-04  482644.7 3733670.3   438.0     3.49     4.00
      3.25     YES   HRDOW            NO
3216  L0000108         0   0.20361E-04  482636.2 3733670.4   438.4     3.49     4.00
      3.25     YES   HRDOW            NO
3217  L0000109         0   0.20361E-04  482627.6 3733670.5   438.7     3.49     4.00
      3.25     YES   HRDOW            NO
3218  L0000110         0   0.20361E-04  482619.0 3733670.6   439.0     3.49     4.00
      3.25     YES   HRDOW            NO
3219  L0000111         0   0.20361E-04  482610.4 3733670.7   439.3     3.49     4.00
      3.25     YES   HRDOW            NO
3220  L0000112         0   0.20361E-04  482601.8 3733670.8   439.6     3.49     4.00
      3.25     YES   HRDOW            NO
3221  L0000113         0   0.20361E-04  482593.2 3733670.9   439.8     3.49     4.00
      3.25     YES   HRDOW            NO
3222  L0000114         0   0.20361E-04  482584.6 3733670.9   440.1     3.49     4.00
      3.25     YES   HRDOW            NO
3223  L0000115         0   0.20361E-04  482576.0 3733671.0   440.4     3.49     4.00
      3.25     YES   HRDOW            NO
3224  L0000116         0   0.20361E-04  482567.4 3733671.1   440.6     3.49     4.00
      3.25     YES   HRDOW            NO
3225  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       08/13/25
3226   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       14:35:15
3227
                                  PAGE   7
3228   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3229
3230
3231                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
3232
3233   SRCGROUP ID                                          SOURCE IDs
3234   -----------                                          ----------
3235
3236
3237    ALL        VOL1        , VOL2        , VOL3        , VOL4        , VOL5        ,
       VOL6         , VOL7         , VOL8         ,
3238
3239               VOL9        , VOL10       , VOL11       , VOL12       , VOL13       ,
               VOL14       , VOL15       , VOL16       ,
3240
3241               VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
               VOL22       , VOL23       , VOL24       ,
3242
3243               VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
               VOL30       , VOL31       , VOL32       ,
3244
3245               VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
               VOL38       , VOL39       , VOL40       ,
3246
3247               VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
               VOL46       , VOL47       , VOL48       ,
```

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3248
3249              VOL49       , VOL50       , VOL51       , VOL52       , VOL53       ,
                  VOL54       , VOL55       , VOL56       ,
3250
3251              VOL57       , VOL58       , VOL59       , VOL60       , VOL61       ,
                  VOL62       , VOL63       , VOL64       ,
3252
3253              VOL65       , VOL66       , VOL67       , VOL68       , L0000001    ,
                  L0000002    , L0000003    , L0000004    ,
3254
3255              L0000005    , L0000006    , L0000007    , L0000008    , L0000009    ,
                  L0000010    , L0000011    , L0000012    ,
3256
3257              L0000013    , L0000014    , L0000015    , L0000016    , L0000017    ,
                  L0000018    , L0000019    , L0000020    ,
3258
3259              L0000021    , L0000022    , L0000023    , L0000024    , L0000025    ,
                  L0000026    , L0000027    , L0000028    ,
3260
3261              L0000029    , L0000030    , L0000031    , L0000032    , L0000033    ,
                  L0000034    , L0000035    , L0000036    ,
3262
3263              L0000037    , L0000038    , L0000039    , L0000040    , L0000041    ,
                  L0000042    , L0000043    , L0000044    ,
3264
3265              L0000045    , L0000046    , L0000047    , L0000048    , L0000049    ,
                  L0000050    , L0000051    , L0000052    ,
3266
3267              L0000053    , L0000054    , L0000055    , L0000056    , L0000057    ,
                  L0000058    , L0000059    , L0000060    ,
3268
3269              L0000061    , L0000062    , L0000063    , L0000064    , L0000065    ,
                  L0000066    , L0000067    , L0000068    ,
3270
3271              L0000069    , L0000070    , L0000071    , L0000072    , L0000073    ,
                  L0000074    , L0000075    , L0000076    ,
3272
3273              L0000077    , L0000078    , L0000079    , L0000080    , L0000081    ,
                  L0000082    , L0000083    , L0000084    ,
3274
3275              L0000085    , L0000086    , L0000087    , L0000088    , L0000089    ,
                  L0000090    , L0000091    , L0000092    ,
3276  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3277   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       14:35:15
3278
                                  PAGE   8
3279   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3280
3281
3282                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
3283
3284   SRCGROUP ID                                          SOURCE IDs
3285   -----------                                          ----------
3286
3287
3288              L0000093    , L0000094    , L0000095    , L0000096    , L0000097    ,
                  L0000098    , L0000099    , L0000100    ,
3289
3290              L0000101    , L0000102    , L0000103    , L0000104    , L0000105    ,
                  L0000106    , L0000107    , L0000108    ,
3291
3292              L0000109    , L0000110    , L0000111    , L0000112    , L0000113    ,
                  L0000114    , L0000115    , L0000116    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2492442.	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
		VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 ,
		VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 , VOL24 ,
		VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 ,
		VOL33 , VOL34 , VOL35 , VOL36 , VOL37 , VOL38 , VOL39 , VOL40 ,
		VOL41 , VOL42 , VOL43 , VOL44 , VOL45 , VOL46 , VOL47 , VOL48 ,
		VOL49 , VOL50 , VOL51 , VOL52 , VOL53 , VOL54 , VOL55 , VOL56 ,
		VOL57 , VOL58 , VOL59 , VOL60 , VOL61 , VOL62 , VOL63 , VOL64 ,
		VOL65 , VOL66 , VOL67 , VOL68 , L0000001 , L0000002 , L0000003 , L0000004 ,
		L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 ,
		L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
		L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 ,
		L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 ,
		L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 ,
		L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 ,
		L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 ,
		L0000061 , L0000062 , L0000063 , L0000064 , L0000065 ,

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                L0000066    , L0000067    , L0000068    ,
3339
3340            L0000069    , L0000070    , L0000071    , L0000072    , L0000073    ,
                L0000074    , L0000075    , L0000076    ,
3341
3342            L0000077    , L0000078    , L0000079    , L0000080    , L0000081    ,
                L0000082    , L0000083    , L0000084    ,
3343
3344            L0000085    , L0000086    , L0000087    , L0000088    , L0000089    ,
                L0000090    , L0000091    , L0000092    ,
3345  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3346   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       14:35:15
3347
                                  PAGE  10
3348   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3349
3350
3351                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***
3352
3353    URBAN ID   URBAN POP                                    SOURCE IDs
3354    --------   ---------                                    ----------
3355
3356
3357            L0000093    , L0000094    , L0000095    , L0000096    , L0000097    ,
                L0000098    , L0000099    , L0000100    ,
3358
3359            L0000101    , L0000102    , L0000103    , L0000104    , L0000105    ,
                L0000106    , L0000107    , L0000108    ,
3360
3361            L0000109    , L0000110    , L0000111    , L0000112    , L0000113    ,
                L0000114    , L0000115    , L0000116    ,
3362  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3363   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       14:35:15
3364
                                  PAGE  11
3365   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3366
3367                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3368
3369   SOURCE ID = VOL1          ; SOURCE TYPE = VOLUME   :
3370    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
3371   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
3372                                                DAY OF WEEK = WEEKDAY
3373      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
3374      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
3375     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
         .0000E+00   23  .0000E+00   24  .0000E+00
3376                                                DAY OF WEEK = SATURDAY
3377      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3378      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3379     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
         .0000E+00   23  .0000E+00   24  .0000E+00
3380                                                DAY OF WEEK = SUNDAY
```

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3381       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3382       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3383      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3384   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3385    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
3386
                                    PAGE  12
3387    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3388
3389                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
3390
3391    SOURCE ID = VOL2          ; SOURCE TYPE = VOLUME   :
3392     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
3393    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
3394                                                  DAY OF WEEK = WEEKDAY
3395       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
3396       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
3397      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3398                                                  DAY OF WEEK = SATURDAY
3399       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3400       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3401      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3402                                                  DAY OF WEEK = SUNDAY
3403       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3404       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3405      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3406   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3407    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
3408
                                    PAGE  13
3409    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3410
3411                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
3412
3413    SOURCE ID = VOL3          ; SOURCE TYPE = VOLUME   :
3414     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
3415    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
3416                                                  DAY OF WEEK = WEEKDAY
3417       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
3418       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
```

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3419      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3420                                              DAY OF WEEK = SATURDAY
3421       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3422       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3423      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3424                                              DAY OF WEEK = SUNDAY
3425       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3426       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3427      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3428 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3429  *** AERMET - VERSION  22112 ***
      ***                                                                    ***
      14:35:15
3430
                                PAGE  14
3431  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3432
3433                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3434
3435  SOURCE ID = VOL4          ; SOURCE TYPE = VOLUME   :
3436   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
3437  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - -
3438                                              DAY OF WEEK = WEEKDAY
3439       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
3440       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
3441      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3442                                              DAY OF WEEK = SATURDAY
3443       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3444       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3445      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3446                                              DAY OF WEEK = SUNDAY
3447       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3448       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3449      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3450 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3451  *** AERMET - VERSION  22112 ***
      ***                                                                    ***
      14:35:15
3452
                                PAGE  15
3453  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3454
3455                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3456
```

```
 SOURCE ID = VOL5         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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                            PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL6         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
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3495    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
3496
                                    PAGE  17
3497    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3498
3499                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
3500
3501    SOURCE ID = VOL7         ; SOURCE TYPE = VOLUME   :
3502     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
3503    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
3504                                                  DAY OF WEEK = WEEKDAY
3505       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
3506       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
3507      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3508                                                  DAY OF WEEK = SATURDAY
3509       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3510       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3511      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3512                                                  DAY OF WEEK = SUNDAY
3513       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3514       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3515      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3516    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3517     *** AERMET - VERSION  22112 ***
         ***                                                                   ***
         14:35:15
3518
                                    PAGE  18
3519    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3520
3521                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
3522
3523    SOURCE ID = VOL8         ; SOURCE TYPE = VOLUME   :
3524     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
3525    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
3526                                                  DAY OF WEEK = WEEKDAY
3527       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
3528       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
3529      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3530                                                  DAY OF WEEK = SATURDAY
3531       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3532       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3533      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01

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3572       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
3573      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3574                                              DAY OF WEEK = SATURDAY
3575       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3576       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3577      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3578                                              DAY OF WEEK = SUNDAY
3579       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3580       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3581      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3582   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3583    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
3584
                                  PAGE  21
3585    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3586
3587                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
3588
3589    SOURCE ID = VOL11        ; SOURCE TYPE = VOLUME   :
3590     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
3591    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
3592                                              DAY OF WEEK = WEEKDAY
3593       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
3594       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
3595      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3596                                              DAY OF WEEK = SATURDAY
3597       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3598       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3599      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3600                                              DAY OF WEEK = SUNDAY
3601       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3602       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3603      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3604   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3605    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
3606
                                  PAGE  22
3607    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3608
3609                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
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                    WEEK (HRDOW) *
3610
3611  SOURCE ID = VOL12        ; SOURCE TYPE = VOLUME   :
3612   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
3613  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
3614                                                DAY OF WEEK = WEEKDAY
3615     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
         .0000E+00    7  .1000E+01    8  .1000E+01
3616     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
         .1000E+01   15  .0000E+00   16  .0000E+00
3617    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
3618                                                DAY OF WEEK = SATURDAY
3619     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
         .0000E+00    7  .0000E+00    8  .0000E+00
3620     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
         .0000E+00   15  .0000E+00   16  .0000E+00
3621    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
3622                                                DAY OF WEEK = SUNDAY
3623     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
         .0000E+00    7  .0000E+00    8  .0000E+00
3624     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
         .0000E+00   15  .0000E+00   16  .0000E+00
3625    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
3626  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3627   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
3628
                                  PAGE  23
3629   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3630
3631                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3632
3633  SOURCE ID = VOL13        ; SOURCE TYPE = VOLUME   :
3634   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
3635  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
3636                                                DAY OF WEEK = WEEKDAY
3637     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
         .0000E+00    7  .1000E+01    8  .1000E+01
3638     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
         .1000E+01   15  .0000E+00   16  .0000E+00
3639    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
3640                                                DAY OF WEEK = SATURDAY
3641     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
         .0000E+00    7  .0000E+00    8  .0000E+00
3642     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
         .0000E+00   15  .0000E+00   16  .0000E+00
3643    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
3644                                                DAY OF WEEK = SUNDAY
3645     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
         .0000E+00    7  .0000E+00    8  .0000E+00
3646     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
         .0000E+00   15  .0000E+00   16  .0000E+00
3647    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
      .0000E+00   15  .0000E+00   16  .0000E+00
3687    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
3688                                          DAY OF WEEK = SUNDAY
3689     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
3690     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
3691    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
3692 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3693  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
3694
                                PAGE  26
3695  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3696
3697                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3698
3699  SOURCE ID = VOL16        ; SOURCE TYPE = VOLUME   :
3700   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
      SCALAR   HOUR   SCALAR   HOUR   SCALAR
3701  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
3702                                          DAY OF WEEK = WEEKDAY
3703     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
3704     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
3705    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
3706                                          DAY OF WEEK = SATURDAY
3707     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
3708     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
3709    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
3710                                          DAY OF WEEK = SUNDAY
3711     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
3712     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
3713    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
3714 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3715  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
3716
                                PAGE  27
3717  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3718
3719                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3720
3721  SOURCE ID = VOL17        ; SOURCE TYPE = VOLUME   :
3722   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
      SCALAR   HOUR   SCALAR   HOUR   SCALAR
3723  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
3724                                          DAY OF WEEK = WEEKDAY
```

```
3725       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
3726       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
3727      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3728                                              DAY OF WEEK = SATURDAY
3729       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3730       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3731      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3732                                              DAY OF WEEK = SUNDAY
3733       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3734       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3735      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3736  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3737   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
3738
                                  PAGE  28
3739   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3740
3741                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3742
3743   SOURCE ID = VOL18        ; SOURCE TYPE = VOLUME   :
3744    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
3745   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
3746                                              DAY OF WEEK = WEEKDAY
3747       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
3748       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
3749      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3750                                              DAY OF WEEK = SATURDAY
3751       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3752       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3753      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3754                                              DAY OF WEEK = SUNDAY
3755       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3756       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3757      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
3758  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3759   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
3760
                                  PAGE  29
3761   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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3762
3763                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3764
3765    SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
3766     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
3767    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
3768                                                DAY OF WEEK = WEEKDAY
3769       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
3770       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
3771      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3772                                                DAY OF WEEK = SATURDAY
3773       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3774       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3775      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3776                                                DAY OF WEEK = SUNDAY
3777       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3778       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3779      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3780    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3781     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
3782
                                    PAGE  30
3783    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3784
3785                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3786
3787    SOURCE ID = VOL20        ; SOURCE TYPE = VOLUME   :
3788     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
3789    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
3790                                                DAY OF WEEK = WEEKDAY
3791       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
3792       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
3793      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3794                                                DAY OF WEEK = SATURDAY
3795       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3796       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
3797      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3798                                                DAY OF WEEK = SUNDAY
3799       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
3800       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
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3801      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3802    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3803     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         14:35:15
3804
                                    PAGE  31
3805     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3806
3807                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
3808
3809     SOURCE ID = VOL21        ; SOURCE TYPE = VOLUME   :
3810      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
3811     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
3812                                                 DAY OF WEEK = WEEKDAY
3813        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
3814        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
3815       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3816                                                 DAY OF WEEK = SATURDAY
3817        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3818        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3819       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3820                                                 DAY OF WEEK = SUNDAY
3821        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
3822        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
3823       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3824    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3825     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         14:35:15
3826
                                    PAGE  32
3827     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3828
3829                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
3830
3831     SOURCE ID = VOL22        ; SOURCE TYPE = VOLUME   :
3832      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
3833     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
3834                                                 DAY OF WEEK = WEEKDAY
3835        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
3836        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
3837       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
3838                                                 DAY OF WEEK = SATURDAY
3839        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

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      .0000E+00    7  .0000E+00    8  .0000E+00
3840   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
3841  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
3842                                          DAY OF WEEK = SUNDAY
3843   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
3844   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
3845  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
3846 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3847  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
3848
                                PAGE  33
3849  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3850
3851                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3852
3853  SOURCE ID = VOL23        ; SOURCE TYPE = VOLUME   :
3854   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
3855  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
3856                                          DAY OF WEEK = WEEKDAY
3857   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
3858   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
3859  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
3860                                          DAY OF WEEK = SATURDAY
3861   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
3862   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
3863  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
3864                                          DAY OF WEEK = SUNDAY
3865   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
3866   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
3867  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
3868 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
3869  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
3870
                                PAGE  34
3871  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
3872
3873                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
3874
3875  SOURCE ID = VOL24        ; SOURCE TYPE = VOLUME   :
3876   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
3877  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL25        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
 14:35:15
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

```
  9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL28        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
  1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .1000E+01    8  .1000E+01
  9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
  .1000E+01   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
  1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
  9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
  1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
  9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL29        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
  1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .1000E+01    8  .1000E+01
  9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
  .1000E+01   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
 .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL32        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

```
4107       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4108       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4109      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4110   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4111    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
4112
                                   PAGE  45
4113    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4114
4115                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4116
4117    SOURCE ID = VOL35        ; SOURCE TYPE = VOLUME   :
4118     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
4119    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
4120                                                DAY OF WEEK = WEEKDAY
4121       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4122       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4123      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4124                                                DAY OF WEEK = SATURDAY
4125       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4126       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4127      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4128                                                DAY OF WEEK = SUNDAY
4129       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4130       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4131      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4132   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4133    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
4134
                                   PAGE  46
4135    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4136
4137                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4138
4139    SOURCE ID = VOL36        ; SOURCE TYPE = VOLUME   :
4140     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
4141    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
4142                                                DAY OF WEEK = WEEKDAY
4143       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4144       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
```

```
4145      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4146                                              DAY OF WEEK = SATURDAY
4147       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
4148       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
4149      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4150                                              DAY OF WEEK = SUNDAY
4151       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
4152       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
4153      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4154   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4155    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
4156
                                  PAGE  47
4157    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4158
4159                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4160
4161    SOURCE ID = VOL37        ; SOURCE TYPE = VOLUME   :
4162     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
4163    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
4164                                              DAY OF WEEK = WEEKDAY
4165       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
4166       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
4167      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4168                                              DAY OF WEEK = SATURDAY
4169       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
4170       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
4171      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4172                                              DAY OF WEEK = SUNDAY
4173       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
4174       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
4175      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4176   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4177    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
4178
                                  PAGE  48
4179    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4180
4181                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4182
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```
 SOURCE ID = VOL38        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                              PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL39        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
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4221    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
4222
                                    PAGE  50
4223    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4224
4225                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4226
4227    SOURCE ID = VOL40        ; SOURCE TYPE = VOLUME   :
4228     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
4229    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - - -
4230                                                  DAY OF WEEK = WEEKDAY
4231       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4232       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4233      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4234                                                  DAY OF WEEK = SATURDAY
4235       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4236       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4237      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4238                                                  DAY OF WEEK = SUNDAY
4239       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4240       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4241      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4242    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4243     *** AERMET - VERSION  22112 ***
         ***                                                                   ***
         14:35:15
4244
                                    PAGE  51
4245    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4246
4247                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4248
4249    SOURCE ID = VOL41        ; SOURCE TYPE = VOLUME   :
4250     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
4251    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - - -
4252                                                  DAY OF WEEK = WEEKDAY
4253       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4254       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4255      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4256                                                  DAY OF WEEK = SATURDAY
4257       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4258       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4259      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                            PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL42        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                            PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = VOL43        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
```

```
4298       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4299      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4300                                                DAY OF WEEK = SATURDAY
4301       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4302       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4303      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4304                                                DAY OF WEEK = SUNDAY
4305       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4306       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4307      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4308  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4309       *** AERMET - VERSION  22112 ***
           ***                                                                  ***
           14:35:15
4310
                                    PAGE  54
4311       *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4312
4313                         * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                             WEEK (HRDOW) *
4314
4315       SOURCE ID = VOL44        ; SOURCE TYPE = VOLUME   :
4316        HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
           SCALAR   HOUR   SCALAR   HOUR   SCALAR
4317      - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
4318                                                DAY OF WEEK = WEEKDAY
4319         1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4320       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4321      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4322                                                DAY OF WEEK = SATURDAY
4323       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4324       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4325      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4326                                                DAY OF WEEK = SUNDAY
4327       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4328       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4329      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4330  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4331       *** AERMET - VERSION  22112 ***
           ***                                                                  ***
           14:35:15
4332
                                    PAGE  55
4333       *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4334
4335                         * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

```
                    WEEK (HRDOW) *
4336
4337    SOURCE ID = VOL45        ; SOURCE TYPE = VOLUME   :
4338     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
4339    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
4340                                                DAY OF WEEK = WEEKDAY
4341       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4342       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4343      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4344                                                DAY OF WEEK = SATURDAY
4345       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4346       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4347      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4348                                                DAY OF WEEK = SUNDAY
4349       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4350       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4351      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4352    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4353     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
4354
                                  PAGE  56
4355    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4356
4357                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4358
4359    SOURCE ID = VOL46        ; SOURCE TYPE = VOLUME   :
4360     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
4361    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
4362                                                DAY OF WEEK = WEEKDAY
4363       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4364       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4365      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4366                                                DAY OF WEEK = SATURDAY
4367       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4368       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4369      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4370                                                DAY OF WEEK = SUNDAY
4371       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4372       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4373      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
        .0000E+00   15  .0000E+00   16  .0000E+00
4413      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
4414                                              DAY OF WEEK = SUNDAY
4415       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .0000E+00    8  .0000E+00
4416       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
4417      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
4418  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4419   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
4420
                                  PAGE  59
4421   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4422
4423                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
4424
4425   SOURCE ID = VOL49        ; SOURCE TYPE = VOLUME   :
4426    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
4427   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
4428                                              DAY OF WEEK = WEEKDAY
4429       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .1000E+01    8  .1000E+01
4430       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
        .1000E+01   15  .0000E+00   16  .0000E+00
4431      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
4432                                              DAY OF WEEK = SATURDAY
4433       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .0000E+00    8  .0000E+00
4434       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
4435      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
4436                                              DAY OF WEEK = SUNDAY
4437       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .0000E+00    8  .0000E+00
4438       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
4439      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
4440  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4441   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
4442
                                  PAGE  60
4443   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4444
4445                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
4446
4447   SOURCE ID = VOL50        ; SOURCE TYPE = VOLUME   :
4448    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
4449   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
4450                                              DAY OF WEEK = WEEKDAY
```

```
4451       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4452       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4453      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4454                                                DAY OF WEEK = SATURDAY
4455       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4456       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4457      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4458                                                DAY OF WEEK = SUNDAY
4459       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4460       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4461      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4462  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4463   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
4464
                                  PAGE  61
4465   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4466
4467                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
4468
4469   SOURCE ID = VOL51        ; SOURCE TYPE = VOLUME   :
4470    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
4471   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
4472                                                DAY OF WEEK = WEEKDAY
4473       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4474       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4475      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4476                                                DAY OF WEEK = SATURDAY
4477       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4478       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4479      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4480                                                DAY OF WEEK = SUNDAY
4481       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4482       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4483      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4484  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4485   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
4486
                                  PAGE  62
4487   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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4488
4489                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
4490
4491     SOURCE ID = VOL52        ; SOURCE TYPE = VOLUME   :
4492      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
4493     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
4494                                                 DAY OF WEEK = WEEKDAY
4495        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4496        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4497       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4498                                                 DAY OF WEEK = SATURDAY
4499        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4500        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4501       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4502                                                 DAY OF WEEK = SUNDAY
4503        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4504        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4505       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4506     FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4507      *** AERMET - VERSION  22112 ***
          ***                                                                    ***
          14:35:15
4508
                                    PAGE  63
4509      *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4510
4511                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
4512
4513     SOURCE ID = VOL53        ; SOURCE TYPE = VOLUME   :
4514      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
4515     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
4516                                                 DAY OF WEEK = WEEKDAY
4517        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4518        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4519       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4520                                                 DAY OF WEEK = SATURDAY
4521        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4522        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4523       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4524                                                 DAY OF WEEK = SUNDAY
4525        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4526        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
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4527      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4528    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4529     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
4530
                                    PAGE  64
4531     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4532
4533                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4534
4535     SOURCE ID = VOL54        ; SOURCE TYPE = VOLUME   :
4536      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
4537     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
4538                                                DAY OF WEEK = WEEKDAY
4539        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
4540        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
4541       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4542                                                DAY OF WEEK = SATURDAY
4543        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
4544        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
4545       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4546                                                DAY OF WEEK = SUNDAY
4547        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
4548        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
4549       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4550    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4551     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
4552
                                    PAGE  65
4553     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4554
4555                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4556
4557     SOURCE ID = VOL55        ; SOURCE TYPE = VOLUME   :
4558      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
4559     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
4560                                                DAY OF WEEK = WEEKDAY
4561        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
4562        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
4563       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4564                                                DAY OF WEEK = SATURDAY
4565        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
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        .0000E+00    7  .0000E+00    8  .0000E+00
4566     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
4567    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
4568                                          DAY OF WEEK = SUNDAY
4569     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .0000E+00    8  .0000E+00
4570     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
4571    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
4572 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4573     *** AERMET - VERSION  22112 ***
         ***                                                              ***
         14:35:15
4574
                                  PAGE  66
4575     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4576
4577                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4578
4579     SOURCE ID = VOL56        ; SOURCE TYPE = VOLUME   :
4580      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
4581     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
4582                                          DAY OF WEEK = WEEKDAY
4583     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .1000E+01    8  .1000E+01
4584     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
        .1000E+01   15  .0000E+00   16  .0000E+00
4585    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
4586                                          DAY OF WEEK = SATURDAY
4587     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .0000E+00    8  .0000E+00
4588     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
4589    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
4590                                          DAY OF WEEK = SUNDAY
4591     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
        .0000E+00    7  .0000E+00    8  .0000E+00
4592     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
        .0000E+00   15  .0000E+00   16  .0000E+00
4593    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
        .0000E+00   23  .0000E+00   24  .0000E+00
4594 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4595     *** AERMET - VERSION  22112 ***
         ***                                                              ***
         14:35:15
4596
                                  PAGE  67
4597     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4598
4599                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
4600
4601     SOURCE ID = VOL57        ; SOURCE TYPE = VOLUME   :
4602      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
4603     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***        14:35:15

                             PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL58        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***        14:35:15

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL59 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

14:35:15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

```
4680       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4681      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4682    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4683     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
         14:35:15
4684
                                    PAGE  71
4685     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4686
4687                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
4688
4689     SOURCE ID = VOL61        ; SOURCE TYPE = VOLUME   :
4690      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
4691     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
4692                                                  DAY OF WEEK = WEEKDAY
4693       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4694       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4695      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4696                                                  DAY OF WEEK = SATURDAY
4697       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4698       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4699      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4700                                                  DAY OF WEEK = SUNDAY
4701       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4702       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4703      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
4704    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4705     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
         14:35:15
4706
                                    PAGE  72
4707     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4708
4709                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
4710
4711     SOURCE ID = VOL62        ; SOURCE TYPE = VOLUME   :
4712      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
4713     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
4714                                                  DAY OF WEEK = WEEKDAY
4715       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4716       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4717      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                                       DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                       DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                             ***
 14:35:15

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL63        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                       DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                       DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                       DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                             ***
 14:35:15

                                 PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = VOL64        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

```
4833       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4834       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4835      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4836  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4837   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       14:35:15
4838
                                  PAGE  78
4839   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4840
4841                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
4842
4843   SOURCE ID = VOL68        ; SOURCE TYPE = VOLUME   :
4844    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
4845   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
4846                                                DAY OF WEEK = WEEKDAY
4847       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4848       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
4849      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4850                                                DAY OF WEEK = SATURDAY
4851       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4852       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4853      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4854                                                DAY OF WEEK = SUNDAY
4855       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
4856       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
4857      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4858  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4859   *** AERMET - VERSION  22112 ***
       ***                                                                  ***
       14:35:15
4860
                                  PAGE  79
4861   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4862
4863                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
4864
4865   SOURCE ID = L0000001     ; SOURCE TYPE = VOLUME   :
4866    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
4867   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
4868                                                DAY OF WEEK = WEEKDAY
4869       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
4870       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
```

```
4871      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4872                                              DAY OF WEEK = SATURDAY
4873       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
4874       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
4875      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4876                                              DAY OF WEEK = SUNDAY
4877       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
4878       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
4879      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4880  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4881   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
4882
                                  PAGE  80
4883   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4884
4885                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
4886
4887   SOURCE ID = L0000002     ; SOURCE TYPE = VOLUME   :
4888    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
4889   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
4890                                              DAY OF WEEK = WEEKDAY
4891       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
4892       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
4893      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4894                                              DAY OF WEEK = SATURDAY
4895       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
4896       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
4897      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4898                                              DAY OF WEEK = SUNDAY
4899       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
4900       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
4901      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
4902  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
4903   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
4904
                                  PAGE  81
4905   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
4906
4907                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
4908
```

```
 SOURCE ID = L0000003     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                              PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000004     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000005   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000006   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                            PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000007     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                            PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000008     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
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5024       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5025      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5026                                              DAY OF WEEK = SATURDAY
5027       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5028       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5029      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5030                                              DAY OF WEEK = SUNDAY
5031       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5032       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5033      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5034   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5035    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        14:35:15
5036
                                  PAGE  87
5037    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5038
5039                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
5040
5041    SOURCE ID = L0000009     ; SOURCE TYPE = VOLUME   :
5042     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5043    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5044                                              DAY OF WEEK = WEEKDAY
5045       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5046       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5047      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5048                                              DAY OF WEEK = SATURDAY
5049       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5050       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5051      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5052                                              DAY OF WEEK = SUNDAY
5053       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5054       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5055      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5056   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5057    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        14:35:15
5058
                                  PAGE  88
5059    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5060
5061                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

```
                    WEEK (HRDOW) *
5062
5063    SOURCE ID = L0000010     ; SOURCE TYPE = VOLUME   :
5064     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5065    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5066                                                DAY OF WEEK = WEEKDAY
5067       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5068       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5069      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5070                                                DAY OF WEEK = SATURDAY
5071       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5072       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5073      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5074                                                DAY OF WEEK = SUNDAY
5075       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5076       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5077      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5078    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5079     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
5080
                                  PAGE  89
5081    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5082
5083                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5084
5085    SOURCE ID = L0000011     ; SOURCE TYPE = VOLUME   :
5086     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5087    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5088                                                DAY OF WEEK = WEEKDAY
5089       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5090       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5091      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5092                                                DAY OF WEEK = SATURDAY
5093       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5094       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5095      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5096                                                DAY OF WEEK = SUNDAY
5097       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5098       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5099      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000012 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
      .0000E+00   15  .0000E+00   16  .0000E+00
5139    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5140                                          DAY OF WEEK = SUNDAY
5141     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
5142     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
5143    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5144 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5145  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
5146
                                PAGE  92
5147  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5148
5149                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                      WEEK (HRDOW) *
5150
5151  SOURCE ID = L0000014     ; SOURCE TYPE = VOLUME   :
5152   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
5153  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
5154                                          DAY OF WEEK = WEEKDAY
5155     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
5156     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
5157    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5158                                          DAY OF WEEK = SATURDAY
5159     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
5160     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
5161    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5162                                          DAY OF WEEK = SUNDAY
5163     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
5164     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
5165    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5166 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5167  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
5168
                                PAGE  93
5169  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5170
5171                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                      WEEK (HRDOW) *
5172
5173  SOURCE ID = L0000015     ; SOURCE TYPE = VOLUME   :
5174   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
5175  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
5176                                          DAY OF WEEK = WEEKDAY
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5177       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5178       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5179      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5180                                                DAY OF WEEK = SATURDAY
5181       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5182       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5183      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5184                                                DAY OF WEEK = SUNDAY
5185       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5186       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5187      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5188 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5189  *** AERMET - VERSION  22112 ***
      ***                                                                    ***
      14:35:15
5190
                                  PAGE  94
5191  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5192
5193                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5194
5195  SOURCE ID = L0000016     ; SOURCE TYPE = VOLUME   :
5196   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
      SCALAR   HOUR   SCALAR   HOUR   SCALAR
5197  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
5198                                                DAY OF WEEK = WEEKDAY
5199       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5200       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5201      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5202                                                DAY OF WEEK = SATURDAY
5203       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5204       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5205      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5206                                                DAY OF WEEK = SUNDAY
5207       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5208       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5209      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5210 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5211  *** AERMET - VERSION  22112 ***
      ***                                                                    ***
      14:35:15
5212
                                  PAGE  95
5213  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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5214
5215                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5216
5217    SOURCE ID = L0000017     ; SOURCE TYPE = VOLUME   :
5218     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5219    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5220                                                DAY OF WEEK = WEEKDAY
5221       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5222       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5223      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5224                                                DAY OF WEEK = SATURDAY
5225       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5226       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5227      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5228                                                DAY OF WEEK = SUNDAY
5229       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5230       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5231      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5232    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5233     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
5234
                                  PAGE  96
5235    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5236
5237                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5238
5239    SOURCE ID = L0000018     ; SOURCE TYPE = VOLUME   :
5240     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5241    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5242                                                DAY OF WEEK = WEEKDAY
5243       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5244       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5245      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5246                                                DAY OF WEEK = SATURDAY
5247       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5248       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5249      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5250                                                DAY OF WEEK = SUNDAY
5251       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5252       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
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5253      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5254    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5255     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
5256
                                    PAGE  97
5257     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5258
5259                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
5260
5261     SOURCE ID = L0000019     ; SOURCE TYPE = VOLUME   :
5262      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
5263     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
5264                                                  DAY OF WEEK = WEEKDAY
5265        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
5266        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
5267      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5268                                                  DAY OF WEEK = SATURDAY
5269        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
5270        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
5271      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5272                                                  DAY OF WEEK = SUNDAY
5273        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
5274        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
5275      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5276    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5277     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
5278
                                    PAGE  98
5279     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5280
5281                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
5282
5283     SOURCE ID = L0000020     ; SOURCE TYPE = VOLUME   :
5284      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
5285     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
5286                                                  DAY OF WEEK = WEEKDAY
5287        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
5288        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
5289      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5290                                                  DAY OF WEEK = SATURDAY
5291        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
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      .0000E+00    7  .0000E+00    8  .0000E+00
5292   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
5293  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5294                                          DAY OF WEEK = SUNDAY
5295   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
5296   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
5297  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5298 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5299  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
5300
                                PAGE  99
5301  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5302
5303                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5304
5305  SOURCE ID = L0000021     ; SOURCE TYPE = VOLUME   :
5306   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
5307  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
5308                                          DAY OF WEEK = WEEKDAY
5309   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
5310   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
5311  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5312                                          DAY OF WEEK = SATURDAY
5313   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
5314   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
5315  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5316                                          DAY OF WEEK = SUNDAY
5317   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
5318   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
5319  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5320 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5321  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
5322
                                PAGE 100
5323  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5324
5325                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5326
5327  SOURCE ID = L0000022     ; SOURCE TYPE = VOLUME   :
5328   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
5329  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 14:35:15

                               PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000023     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 14:35:15
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

14:35:15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

```
5406       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5407      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5408    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5409     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
         14:35:15
5410
                                    PAGE 104
5411     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5412
5413                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
5414
5415     SOURCE ID = L0000026     ; SOURCE TYPE = VOLUME   :
5416      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
5417    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
5418                                                  DAY OF WEEK = WEEKDAY
5419       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5420       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5421      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5422                                                  DAY OF WEEK = SATURDAY
5423       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5424       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5425      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5426                                                  DAY OF WEEK = SUNDAY
5427       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5428       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5429      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5430    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5431     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
         14:35:15
5432
                                    PAGE 105
5433     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5434
5435                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
5436
5437     SOURCE ID = L0000027     ; SOURCE TYPE = VOLUME   :
5438      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
5439    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
5440                                                  DAY OF WEEK = WEEKDAY
5441       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5442       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5443      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                              ***
 14:35:15

                                PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000028     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                              ***
 14:35:15

                                PAGE 107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000029     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 14:35:15

                                PAGE 108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = L0000030     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

```
5559       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5560       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5561      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5562   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5563    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        14:35:15
5564
                                    PAGE 111
5565    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5566
5567                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
5568
5569    SOURCE ID = L0000033     ; SOURCE TYPE = VOLUME   :
5570     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5571    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5572                                                DAY OF WEEK = WEEKDAY
5573       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5574       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5575      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5576                                                DAY OF WEEK = SATURDAY
5577       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5578       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5579      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5580                                                DAY OF WEEK = SUNDAY
5581       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5582       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5583      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5584   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5585    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        14:35:15
5586
                                    PAGE 112
5587    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5588
5589                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
5590
5591    SOURCE ID = L0000034     ; SOURCE TYPE = VOLUME   :
5592     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5593    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5594                                                DAY OF WEEK = WEEKDAY
5595       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5596       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
```

```
5597      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5598                                              DAY OF WEEK = SATURDAY
5599       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
5600       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
5601      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5602                                              DAY OF WEEK = SUNDAY
5603       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
5604       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
5605      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5606  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5607   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
5608
                                  PAGE 113
5609   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5610
5611                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
5612
5613   SOURCE ID = L0000035     ; SOURCE TYPE = VOLUME   :
5614    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
5615   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
5616                                              DAY OF WEEK = WEEKDAY
5617       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
5618       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
5619      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5620                                              DAY OF WEEK = SATURDAY
5621       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
5622       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
5623      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5624                                              DAY OF WEEK = SUNDAY
5625       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
5626       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
5627      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5628  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5629   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
5630
                                  PAGE 114
5631   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5632
5633                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
5634
```

```
 SOURCE ID = L0000036     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                              PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000037     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000038   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000039   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00				

```
  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 14:35:15

                              PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = L0000040     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 14:35:15

                              PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = L0000041     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
```

```
5750       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5751      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5752                                              DAY OF WEEK = SATURDAY
5753       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5754       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5755      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5756                                              DAY OF WEEK = SUNDAY
5757       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5758       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5759      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5760   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5761    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
5762
                                    PAGE 120
5763    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5764
5765                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
5766
5767    SOURCE ID = L0000042     ; SOURCE TYPE = VOLUME   :
5768     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5769    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
5770                                              DAY OF WEEK = WEEKDAY
5771       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5772       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5773      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5774                                              DAY OF WEEK = SATURDAY
5775       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5776       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5777      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5778                                              DAY OF WEEK = SUNDAY
5779       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5780       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5781      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
5782   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5783    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
5784
                                    PAGE 121
5785    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5786
5787                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

```
                    WEEK (HRDOW) *
5788
5789    SOURCE ID = L0000043     ; SOURCE TYPE = VOLUME   :
5790     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5791    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5792                                                DAY OF WEEK = WEEKDAY
5793       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5794       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5795      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5796                                                DAY OF WEEK = SATURDAY
5797       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5798       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5799      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5800                                                DAY OF WEEK = SUNDAY
5801       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5802       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5803      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5804    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5805     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
5806
                                    PAGE 122
5807    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5808
5809                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5810
5811    SOURCE ID = L0000044     ; SOURCE TYPE = VOLUME   :
5812     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5813    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5814                                                DAY OF WEEK = WEEKDAY
5815       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5816       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5817      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5818                                                DAY OF WEEK = SATURDAY
5819       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5820       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5821      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5822                                                DAY OF WEEK = SUNDAY
5823       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5824       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5825      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14					

```
      .0000E+00   15  .0000E+00   16  .0000E+00
5865    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5866                                          DAY OF WEEK = SUNDAY
5867     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
5868     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
5869    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5870 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5871  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
5872
                                PAGE 125
5873  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5874
5875                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5876
5877  SOURCE ID = L0000047     ; SOURCE TYPE = VOLUME   :
5878   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
      SCALAR   HOUR   SCALAR   HOUR   SCALAR
5879  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
5880                                          DAY OF WEEK = WEEKDAY
5881     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
5882     9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
5883    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5884                                          DAY OF WEEK = SATURDAY
5885     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
5886     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
5887    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5888                                          DAY OF WEEK = SUNDAY
5889     1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
5890     9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
5891    17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
5892 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5893  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
5894
                                PAGE 126
5895  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5896
5897                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5898
5899  SOURCE ID = L0000048     ; SOURCE TYPE = VOLUME   :
5900   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
      SCALAR   HOUR   SCALAR   HOUR   SCALAR
5901  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
5902                                          DAY OF WEEK = WEEKDAY
```

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5903       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5904       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5905      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5906                                              DAY OF WEEK = SATURDAY
5907       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5908       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5909      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5910                                              DAY OF WEEK = SUNDAY
5911       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5912       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5913      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5914   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5915    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
5916
                                  PAGE 127
5917    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5918
5919                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
5920
5921    SOURCE ID = L0000049     ; SOURCE TYPE = VOLUME   :
5922     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
        SCALAR   HOUR   SCALAR   HOUR   SCALAR
5923    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5924                                              DAY OF WEEK = WEEKDAY
5925       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5926       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5927      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5928                                              DAY OF WEEK = SATURDAY
5929       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5930       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5931      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5932                                              DAY OF WEEK = SUNDAY
5933       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5934       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5935      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5936   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5937    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
5938
                                  PAGE 128
5939    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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5940
5941                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5942
5943    SOURCE ID = L0000050     ; SOURCE TYPE = VOLUME   :
5944     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5945    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5946                                                DAY OF WEEK = WEEKDAY
5947       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5948       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5949      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5950                                                DAY OF WEEK = SATURDAY
5951       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5952       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5953      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5954                                                DAY OF WEEK = SUNDAY
5955       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5956       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5957      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5958    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5959     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
5960
                                    PAGE 129
5961    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5962
5963                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
5964
5965    SOURCE ID = L0000051     ; SOURCE TYPE = VOLUME   :
5966     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
5967    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5968                                                DAY OF WEEK = WEEKDAY
5969       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
5970       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
5971      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5972                                                DAY OF WEEK = SATURDAY
5973       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5974       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
5975      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5976                                                DAY OF WEEK = SUNDAY
5977       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
5978       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
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5979      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5980    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
5981     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
5982
                                    PAGE 130
5983     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
5984
5985                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
5986
5987     SOURCE ID = L0000052     ; SOURCE TYPE = VOLUME   :
5988      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
5989     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
5990                                                DAY OF WEEK = WEEKDAY
5991        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
5992        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
5993       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5994                                                DAY OF WEEK = SATURDAY
5995        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
5996        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
5997       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
5998                                                DAY OF WEEK = SUNDAY
5999        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
6000        9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
6001       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6002    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6003     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
6004
                                    PAGE 131
6005     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6006
6007                       * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                           WEEK (HRDOW) *
6008
6009     SOURCE ID = L0000053     ; SOURCE TYPE = VOLUME   :
6010      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
          SCALAR   HOUR   SCALAR   HOUR   SCALAR
6011     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         - - - - - - - - - - - - - - - - - - - -
6012                                                DAY OF WEEK = WEEKDAY
6013        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
6014        9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
6015       17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6016                                                DAY OF WEEK = SATURDAY
6017        1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

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      .0000E+00    7  .0000E+00    8  .0000E+00
6018   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
6019  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
6020                                          DAY OF WEEK = SUNDAY
6021   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
6022   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
6023  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
6024 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6025  *** AERMET - VERSION  22112 ***
      ***                                                                ***
      14:35:15
6026
                                PAGE 132
6027  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6028
6029                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
6030
6031  SOURCE ID = L0000054     ; SOURCE TYPE = VOLUME   :
6032   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
6033  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
6034                                          DAY OF WEEK = WEEKDAY
6035   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
6036   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
6037  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
6038                                          DAY OF WEEK = SATURDAY
6039   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
6040   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
6041  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
6042                                          DAY OF WEEK = SUNDAY
6043   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
6044   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
6045  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
6046 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6047  *** AERMET - VERSION  22112 ***
      ***                                                                ***
      14:35:15
6048
                                PAGE 133
6049  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6050
6051                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
6052
6053  SOURCE ID = L0000055     ; SOURCE TYPE = VOLUME   :
6054   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
6055  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                            PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000056     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

14:35:15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

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      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:35:15

                              PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000059     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
      9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
      .0000E+00   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:35:15

                              PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000060     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
      1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .1000E+01    8  .1000E+01
      9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .0000E+00   16  .0000E+00
     17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                            ***
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                              PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000061     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                            ***
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                              PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000062     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 14:35:15

                                PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000063     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

```
6285       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6286       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6287      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6288   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6289    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        14:35:15
6290
                                    PAGE 144
6291    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6292
6293                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
6294
6295    SOURCE ID = L0000066     ; SOURCE TYPE = VOLUME   :
6296     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
6297    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
6298                                                 DAY OF WEEK = WEEKDAY
6299       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
6300       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
6301      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6302                                                 DAY OF WEEK = SATURDAY
6303       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6304       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6305      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6306                                                 DAY OF WEEK = SUNDAY
6307       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6308       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6309      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6310   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6311    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        14:35:15
6312
                                    PAGE 145
6313    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6314
6315                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
6316
6317    SOURCE ID = L0000067     ; SOURCE TYPE = VOLUME   :
6318     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
6319    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
6320                                                 DAY OF WEEK = WEEKDAY
6321       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
6322       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
```

```
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000068     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *
```

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

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6399    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
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6400
                                    PAGE 149
6401    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6402
6403                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
6404
6405    SOURCE ID = L0000071     ; SOURCE TYPE = VOLUME   :
6406     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
6407    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - - -
6408                                                  DAY OF WEEK = WEEKDAY
6409       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
6410       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
6411      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6412                                                  DAY OF WEEK = SATURDAY
6413       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6414       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6415      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6416                                                  DAY OF WEEK = SUNDAY
6417       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6418       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6419      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6420    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6421     *** AERMET - VERSION  22112 ***
         ***                                                                   ***
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6422
                                    PAGE 150
6423    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6424
6425                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
6426
6427    SOURCE ID = L0000072     ; SOURCE TYPE = VOLUME   :
6428     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
6429    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - - -
6430                                                  DAY OF WEEK = WEEKDAY
6431       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
6432       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
6433      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6434                                                  DAY OF WEEK = SATURDAY
6435       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6436       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6437      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

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.0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
  1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
  9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000073     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
  1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
  9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
  1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
  9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
  1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
  9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                          ***
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                               PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000074     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
  1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
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   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                            ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000075     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                            ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

```
                    WEEK (HRDOW) *
6514
6515    SOURCE ID = L0000076     ; SOURCE TYPE = VOLUME   :
6516     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
6517    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
6518                                                DAY OF WEEK = WEEKDAY
6519       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
6520       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
6521      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6522                                                DAY OF WEEK = SATURDAY
6523       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6524       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6525      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6526                                                DAY OF WEEK = SUNDAY
6527       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6528       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6529      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6530    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6531     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
6532
                                    PAGE 155
6533    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6534
6535                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
6536
6537    SOURCE ID = L0000077     ; SOURCE TYPE = VOLUME   :
6538     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
6539    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
6540                                                DAY OF WEEK = WEEKDAY
6541       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
6542       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
6543      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6544                                                DAY OF WEEK = SATURDAY
6545       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6546       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6547      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6548                                                DAY OF WEEK = SUNDAY
6549       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6550       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6551      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
```

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FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 14:35:15

                              PAGE 156
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000078     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 14:35:15

                              PAGE 157
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000079     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
```

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25
*** AERMET - VERSION 22112 ***
*** ***
14:35:15

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000080 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25
*** AERMET - VERSION 22112 ***
*** ***
14:35:15

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000081 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY

```
6629       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
6630       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
6631      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
6632                                              DAY OF WEEK = SATURDAY
6633       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6634       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6635      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
6636                                              DAY OF WEEK = SUNDAY
6637       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6638       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6639      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
6640   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6641    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
6642
                                    PAGE 160
6643    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6644
6645                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
6646
6647    SOURCE ID = L0000082     ; SOURCE TYPE = VOLUME   :
6648     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
6649    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
6650                                              DAY OF WEEK = WEEKDAY
6651       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
6652       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
6653      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
6654                                              DAY OF WEEK = SATURDAY
6655       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6656       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6657      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
6658                                              DAY OF WEEK = SUNDAY
6659       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6660       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6661      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
6662   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6663    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
6664
                                    PAGE 161
6665    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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6666
6667                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
6668
6669    SOURCE ID = L0000083     ; SOURCE TYPE = VOLUME   :
6670     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
6671    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
6672                                                DAY OF WEEK = WEEKDAY
6673       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
6674       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
6675      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6676                                                DAY OF WEEK = SATURDAY
6677       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6678       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6679      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6680                                                DAY OF WEEK = SUNDAY
6681       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6682       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6683      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6684    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6685     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
6686
                                  PAGE 162
6687     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6688
6689                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
6690
6691    SOURCE ID = L0000084     ; SOURCE TYPE = VOLUME   :
6692     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
6693    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
6694                                                DAY OF WEEK = WEEKDAY
6695       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
6696       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
6697      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6698                                                DAY OF WEEK = SATURDAY
6699       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6700       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
6701      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
6702                                                DAY OF WEEK = SUNDAY
6703       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
6704       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:35:15

                              PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000085     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:35:15

                              PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000086     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

```
      .0000E+00    7  .0000E+00    8  .0000E+00
6744   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
6745  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
6746                                          DAY OF WEEK = SUNDAY
6747   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
6748   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
6749  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
6750 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6751  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
6752
                                PAGE 165
6753  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6754
6755                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
6756
6757  SOURCE ID = L0000087     ; SOURCE TYPE = VOLUME   :
6758   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
6759  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
6760                                          DAY OF WEEK = WEEKDAY
6761   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .1000E+01    8  .1000E+01
6762   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
       .1000E+01   15  .0000E+00   16  .0000E+00
6763  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
6764                                          DAY OF WEEK = SATURDAY
6765   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
6766   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
6767  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
6768                                          DAY OF WEEK = SUNDAY
6769   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
       .0000E+00    7  .0000E+00    8  .0000E+00
6770   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
       .0000E+00   15  .0000E+00   16  .0000E+00
6771  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
       .0000E+00   23  .0000E+00   24  .0000E+00
6772 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
6773  *** AERMET - VERSION  22112 ***
      ***                                                                  ***
      14:35:15
6774
                                PAGE 166
6775  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
6776
6777                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
6778
6779  SOURCE ID = L0000088     ; SOURCE TYPE = VOLUME   :
6780   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
6781  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                            PAGE 167
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000089     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000090 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 08/13/25

*** AERMET - VERSION 22112 ***

*** ***

14:35:15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000091 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

```
  9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
 17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***                                                                          ***        14:35:15

                             PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000092     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***                                                                          ***        14:35:15

                             PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000093     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                           ***
 14:35:15

                             PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = L0000094     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                           ***
 14:35:15

                             PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = L0000095     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
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 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                         ***
 14:35:15

                               PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                  WEEK (HRDOW) *

 SOURCE ID = L0000096     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                         ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000097 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000098 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

```
7011       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7012       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7013      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
7014   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7015    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
7016
                                    PAGE 177
7017    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7018
7019                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
7020
7021    SOURCE ID = L0000099     ; SOURCE TYPE = VOLUME   :
7022     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
7023    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
7024                                                DAY OF WEEK = WEEKDAY
7025       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
7026       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
7027      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
7028                                                DAY OF WEEK = SATURDAY
7029       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7030       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7031      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
7032                                                DAY OF WEEK = SUNDAY
7033       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7034       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7035      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
7036   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7037    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
7038
                                    PAGE 178
7039    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7040
7041                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
7042
7043    SOURCE ID = L0000100     ; SOURCE TYPE = VOLUME   :
7044     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
7045    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
7046                                                DAY OF WEEK = WEEKDAY
7047       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
7048       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
```

```
7049      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7050                                              DAY OF WEEK = SATURDAY
7051       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
7052       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
7053      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7054                                              DAY OF WEEK = SUNDAY
7055       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
7056       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
7057      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7058  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7059   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
7060
                                  PAGE 179
7061   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7062
7063                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
7064
7065   SOURCE ID = L0000101     ; SOURCE TYPE = VOLUME   :
7066    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
7067  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - -
7068                                              DAY OF WEEK = WEEKDAY
7069       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .1000E+01    8  .1000E+01
7070       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .0000E+00   16  .0000E+00
7071      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7072                                              DAY OF WEEK = SATURDAY
7073       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
7074       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
7075      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7076                                              DAY OF WEEK = SUNDAY
7077       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .0000E+00
7078       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
          .0000E+00   15  .0000E+00   16  .0000E+00
7079      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7080  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7081   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
7082
                                  PAGE 180
7083   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7084
7085                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
7086
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 SOURCE ID = L0000102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                              PAGE 181
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000103     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
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7125    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
7126
                                    PAGE 182
7127    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7128
7129                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
7130
7131    SOURCE ID = L0000104     ; SOURCE TYPE = VOLUME   :
7132     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
7133    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - - - -
7134                                                DAY OF WEEK = WEEKDAY
7135       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
7136       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
7137      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7138                                                DAY OF WEEK = SATURDAY
7139       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7140       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7141      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7142                                                DAY OF WEEK = SUNDAY
7143       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7144       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7145      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7146    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7147     *** AERMET - VERSION  22112 ***
         ***                                                                   ***
         14:35:15
7148
                                    PAGE 183
7149    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7150
7151                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
7152
7153    SOURCE ID = L0000105     ; SOURCE TYPE = VOLUME   :
7154     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
7155    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - - - -
7156                                                DAY OF WEEK = WEEKDAY
7157       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
7158       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
7159      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7160                                                DAY OF WEEK = SATURDAY
7161       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7162       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7163      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

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   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:35:15

                            PAGE 184
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000106     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 14:35:15

                            PAGE 185
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                   WEEK (HRDOW) *

 SOURCE ID = L0000107     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .1000E+01    8  .1000E+01
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7202       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
7203      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
7204                                                DAY OF WEEK = SATURDAY
7205       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7206       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7207      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
7208                                                DAY OF WEEK = SUNDAY
7209       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7210       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7211      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
7212   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7213    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
7214
                                   PAGE 186
7215    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7216
7217                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
7218
7219    SOURCE ID = L0000108     ; SOURCE TYPE = VOLUME   :
7220     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
        SCALAR   HOUR   SCALAR   HOUR   SCALAR
7221    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
7222                                                DAY OF WEEK = WEEKDAY
7223       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
7224       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
7225      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
7226                                                DAY OF WEEK = SATURDAY
7227       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7228       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7229      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
7230                                                DAY OF WEEK = SUNDAY
7231       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7232       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7233      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
7234   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7235    *** AERMET - VERSION  22112 ***
        ***                                                                    ***
        14:35:15
7236
                                   PAGE 187
7237    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7238
7239                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

```
                    WEEK (HRDOW) *
7240
7241    SOURCE ID = L0000109     ; SOURCE TYPE = VOLUME   :
7242     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
7243    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
7244                                                DAY OF WEEK = WEEKDAY
7245       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
7246       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
7247      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7248                                                DAY OF WEEK = SATURDAY
7249       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7250       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7251      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7252                                                DAY OF WEEK = SUNDAY
7253       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7254       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7255      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7256    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7257     *** AERMET - VERSION  22112 ***
         ***                                                                    ***
         14:35:15
7258
                                    PAGE 188
7259    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7260
7261                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                          WEEK (HRDOW) *
7262
7263    SOURCE ID = L0000110     ; SOURCE TYPE = VOLUME   :
7264     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
         SCALAR   HOUR   SCALAR   HOUR   SCALAR
7265    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
7266                                                DAY OF WEEK = WEEKDAY
7267       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
7268       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
7269      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7270                                                DAY OF WEEK = SATURDAY
7271       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7272       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7273      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7274                                                DAY OF WEEK = SUNDAY
7275       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7276       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7277      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000112 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
7355       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
7356       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
7357      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7358                                              DAY OF WEEK = SATURDAY
7359       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7360       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7361      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7362                                              DAY OF WEEK = SUNDAY
7363       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7364       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7365      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7366  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7367   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
7368
                                  PAGE 193
7369   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7370
7371                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                        WEEK (HRDOW) *
7372
7373   SOURCE ID = L0000115     ; SOURCE TYPE = VOLUME   :
7374    HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
7375   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
7376                                              DAY OF WEEK = WEEKDAY
7377       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .1000E+01    8  .1000E+01
7378       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
           .1000E+01   15  .0000E+00   16  .0000E+00
7379      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7380                                              DAY OF WEEK = SATURDAY
7381       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7382       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7383      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7384                                              DAY OF WEEK = SUNDAY
7385       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
7386       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
7387      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
          .0000E+00   23  .0000E+00   24  .0000E+00
7388  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7389   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       14:35:15
7390
                                  PAGE 194
7391   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                    WEEK (HRDOW) *

 SOURCE ID = L0000116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                    ***
 14:35:15

                                PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 483094.1, 3733555.8,     436.2,     436.2,       0.0);         ( 483302.2,
     3733579.2,     437.1,     437.1,       0.0);
     ( 483075.7, 3732849.8,     436.4,     436.4,       0.0);         ( 482867.4,
     3732844.3,     436.2,     436.2,       0.0);
     ( 483195.1, 3733503.4,     436.8,     436.8,       0.0);         ( 483154.5,
     3733554.2,     436.4,     436.4,       0.0);
     ( 483244.8, 3733552.8,     436.8,     436.8,       0.0);         ( 483175.0,
     3733572.0,     436.5,     436.5,       0.0);
     ( 483199.2, 3733572.8,     436.6,     436.6,       0.0);         ( 483176.8,
     3733587.4,     436.5,     436.5,       0.0);
     ( 483300.9, 3733610.1,     437.2,     437.2,       0.0);         ( 483364.9,
     3733616.6,     437.0,     437.0,       0.0);
     ( 483306.8, 3733710.6,     436.7,     436.7,       0.0);         ( 483365.8,
     3733685.7,     437.0,     437.0,       0.0);
     ( 483489.0, 3733628.9,     437.4,     437.4,       0.0);         ( 484157.2,
     3733885.8,     442.1,     442.1,       0.0);
     ( 483716.3, 3733023.0,     438.2,     438.2,       0.0);         ( 483726.5,
     3732835.3,     438.0,     438.0,       0.0);
     ( 483628.0, 3732848.9,     437.6,     437.6,       0.0);         ( 483310.6,
     3732784.0,     437.3,     437.3,       0.0);
     ( 482988.5, 3732811.0,     436.1,     436.1,       0.0);         ( 482965.3,
     3732850.8,     436.0,     436.0,       0.0);
     ( 482822.1, 3732840.0,     436.6,     436.6,       0.0);         ( 482867.9,
```

```
      3732831.2,     436.2,     436.2,       0.0);
7431  ( 482933.9, 3733606.2,     435.5,     435.5,       0.0);         ( 482853.7,
      3733596.1,     436.1,     436.1,       0.0);
7432  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7433   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       14:35:15
7434
                                  PAGE 196
7435   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7436
7437                                            *** METEOROLOGICAL DAYS SELECTED FOR
                                                PROCESSING ***
7438                                                          (1=YES; 0=NO)
7439
7440             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
7441             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
7442             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
7443             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
7444             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
7445             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
7446             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
7447             1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
7448
7449                 NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT
                     IS INCLUDED IN THE DATA FILE.
7450
7451
7452
7453                                    *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
                                        CATEGORIES ***
7454                                                  (METERS/SEC)
7455
7456                                                 1.54,   3.09,   5.14,   8.23,  10.80,
7457  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
7458   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       14:35:15
7459
                                  PAGE 197
7460   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
7461
7462                                      *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA
                                         ***
7463
7464       Surface file:
           ..\PERI_V11_trimmed.sfc
           Met Version:  22112
7465       Profile file:
           ..\PERI_V11_trimmed.PFL
7466       Surface format:
           FREE

7467       Profile format:
           FREE

7468       Surface station no.:     3171                  Upper air station no.:     3190
```

```
                    Name: UNKNOWN                                          Name:
                    UNKNOWN
                    Year:   2016                                           Year:   2016

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO
  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 16 01 01   1 01  -21.3  0.220 -9.000 -9.000 -999.  248.     53.3  0.06   0.53   1.00
  3.11  342.   11.6  279.8    5.4
 16 01 01   1 02  -23.0  0.238 -9.000 -9.000 -999.  278.     62.2  0.06   0.53   1.00
  3.35  343.   11.6  279.6    5.4
 16 01 01   1 03  -19.6  0.202 -9.000 -9.000 -999.  218.     44.9  0.06   0.53   1.00
  2.87  342.   11.6  279.1    5.4
 16 01 01   1 04  -15.2  0.175 -9.000 -9.000 -999.  176.     33.8  0.06   0.53   1.00
  2.51  340.   11.6  278.7    5.4
 16 01 01   1 05   -4.4  0.093 -9.000 -9.000 -999.   70.     15.7  0.06   0.53   1.00
  1.36  335.   11.6  277.5    5.4
 16 01 01   1 06  -13.9  0.167 -9.000 -9.000 -999.  164.     30.7  0.06   0.53   1.00
  2.41  337.   11.6  278.0    5.4
 16 01 01   1 07   -7.6  0.122 -9.000 -9.000 -999.  102.     20.5  0.06   0.53   1.00
  1.80  356.   11.6  277.3    5.4
 16 01 01   1 08  -25.5  0.388 -9.000 -9.000 -999.  579.    197.5  0.09   0.53   0.53
  4.73   74.   10.1  274.3    5.4
 16 01 01   1 09   22.4  0.406  0.330  0.005   55.  621.   -258.7  0.09   0.53   0.32
  4.70   79.   10.1  277.2    5.4
 16 01 01   1 10   55.5  0.399  0.599  0.005  134.  605.    -99.0  0.09   0.53   0.25
  4.46   85.   10.1  283.0    5.4
 16 01 01   1 11   78.4  0.108  0.975  0.005  409.  229.     -1.4  0.06   0.53   0.22
  0.82  331.   11.6  286.7    5.4
 16 01 01   1 12   85.7  0.137  1.097  0.005  532.  123.     -2.6  0.04   0.53   0.21
  1.30   34.   11.6  288.6    5.4
 16 01 01   1 13   85.3  0.107  1.147  0.005  611.   84.     -1.2  0.04   0.53   0.21
  0.89   48.   11.6  290.2    5.4
 16 01 01   1 14   61.6  0.118  1.057  0.005  662.   97.     -2.3  0.06   0.53   0.22
  0.96    9.   11.6  290.5    5.4
 16 01 01   1 15   45.7  0.115  1.038  0.005  844.   93.     -2.9  0.06   0.53   0.26
  0.99  352.   11.6  290.7    5.4
 16 01 01   1 16   14.9  0.098  0.732  0.005  908.   73.     -5.4  0.04   0.53   0.35
  1.03   41.   11.6  289.9    5.4
 16 01 01   1 17  -13.7  0.171 -9.000 -9.000 -999.  169.     32.1  0.04   0.53   0.63
  2.63   59.   11.6  287.2    5.4
 16 01 01   1 18  -17.5  0.186 -9.000 -9.000 -999.  193.     38.2  0.04   0.53   1.00
  2.86   43.   11.6  284.7    5.4
 16 01 01   1 19  -18.1  0.193 -9.000 -9.000 -999.  204.     41.1  0.06   0.53   1.00
  2.70   15.   11.6  283.9    5.4
 16 01 01   1 20  -11.3  0.151 -9.000 -9.000 -999.  141.     26.4  0.06   0.53   1.00
  2.15   10.   11.6  283.3    5.4
 16 01 01   1 21   -4.4  0.094 -9.000 -9.000 -999.   69.     16.1  0.06   0.53   1.00
  1.35   17.   11.6  283.0    5.4
 16 01 01   1 22   -3.0  0.077 -9.000 -9.000 -999.   52.     13.5  0.04   0.53   1.00
  1.16   36.   11.6  282.6    5.4
 16 01 01   1 23   -2.4  0.074 -9.000 -9.000 -999.   48.     14.3  0.06   0.53   1.00
  0.95  360.   11.6  281.7    5.4
 16 01 01   1 24   -1.7  0.068 -9.000 -9.000 -999.   43.     15.7  0.06   0.53   1.00
  0.74  334.   11.6  280.6    5.4


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 16 01 01 01    5.4 0 -999.  -99.00   279.8   99.0  -99.00  -99.00
 16 01 01 01   11.6 1  342.    3.11  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
483094.15	3733555.79	0.02810	483302.16	3733579.24	0.04740
483075.66	3732849.84	0.02150	482867.38	3732844.32	0.01339
483195.12	3733503.38	0.03239	483154.46	3733554.20	0.02663
483244.78	3733552.84	0.03334	483174.96	3733571.99	0.02558
483199.20	3733572.84	0.02593	483176.83	3733587.41	0.02551
483300.88	3733610.12	0.04909	483364.94	3733616.56	0.01401
483306.81	3733710.62	0.01517	483365.79	3733685.70	0.01077
483488.99	3733628.93	0.00682	484157.21	3733885.83	0.00150
483716.28	3733023.00	0.00448	483726.49	3732835.33	0.00398
483627.97	3732848.86	0.00525	483310.58	3732784.00	0.01246
482988.51	3732811.05	0.01512	482965.33	3732850.79	0.01834
482822.09	3732840.02	0.01143	482867.90	3732831.19	0.01258
482933.91	3733606.17	0.02626	482853.70	3733596.13	0.02201

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

```
                                 ** CONC OF DPM      IN
                                 MICROGRAMS/M**3                          **


                   NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.04909 AT (  483300.88,  3733610.12,   437.19,
437.19,    0.00)  DC
          2ND HIGHEST VALUE IS       0.04740 AT (  483302.16,  3733579.24,   437.10,
          437.10,    0.00)  DC
          3RD HIGHEST VALUE IS       0.03334 AT (  483244.78,  3733552.84,   436.78,
          436.78,    0.00)  DC
          4TH HIGHEST VALUE IS       0.03239 AT (  483195.12,  3733503.38,   436.75,
          436.75,    0.00)  DC
          5TH HIGHEST VALUE IS       0.02810 AT (  483094.15,  3733555.79,   436.22,
          436.22,    0.00)  DC
          6TH HIGHEST VALUE IS       0.02663 AT (  483154.46,  3733554.20,   436.42,
          436.42,    0.00)  DC
          7TH HIGHEST VALUE IS       0.02626 AT (  482933.91,  3733606.17,   435.54,
          435.54,    0.00)  DC
          8TH HIGHEST VALUE IS       0.02593 AT (  483199.20,  3733572.84,   436.56,
          436.56,    0.00)  DC
          9TH HIGHEST VALUE IS       0.02558 AT (  483174.96,  3733571.99,   436.47,
          436.47,    0.00)  DC
         10TH HIGHEST VALUE IS       0.02551 AT (  483176.83,  3733587.41,   436.47,
         436.47,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        08/13/25
 *** AERMET - VERSION  22112 ***
 ***                                                                        ***
 14:35:15

                              PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          598 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          227 Calm Hours Identified

 A Total of          371 Missing Hours Identified (  0.85 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
```

```
7592    ME W186    2872       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
        used           0.50
7593    ME W187    2872       MEOPEN: ADJ_U* Option for Stable Low Winds used in
        AERMET
7594
7595       ***********************************
7596       *** AERMOD Finishes Successfully ***
7597       ***********************************
7598
7599
```

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 10/22/2025
** File: C:\Users\Michael Tirohn\Desktop\HRAs\16568 Heritage Valley\16568-04 Ops HRA\16568-04 Ops HRA.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568-
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2492442 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "16568-04 Ops HRA.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Loading Dock 1
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0002504
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 482944.626, 3733332.613, 435.56, 3.49, 4.00
** 482944.074, 3733085.985, 435.76, 3.49, 4.00
** ------------------------------------------------------------------------
   LOCATION L0001756     VOLUME   482944.616 3733328.318 435.57
   LOCATION L0001757     VOLUME   482944.597 3733319.728 435.62
   LOCATION L0001758     VOLUME   482944.578 3733311.138 435.68
   LOCATION L0001759     VOLUME   482944.559 3733302.548 435.73
   LOCATION L0001760     VOLUME   482944.540 3733293.958 435.75
   LOCATION L0001761     VOLUME   482944.520 3733285.368 435.71
   LOCATION L0001762     VOLUME   482944.501 3733276.779 435.66
   LOCATION L0001763     VOLUME   482944.482 3733268.189 435.62
   LOCATION L0001764     VOLUME   482944.463 3733259.599 435.61
   LOCATION L0001765     VOLUME   482944.443 3733251.009 435.62
   LOCATION L0001766     VOLUME   482944.424 3733242.419 435.62
   LOCATION L0001767     VOLUME   482944.405 3733233.829 435.63
   LOCATION L0001768     VOLUME   482944.386 3733225.239 435.65
   LOCATION L0001769     VOLUME   482944.367 3733216.649 435.66
   LOCATION L0001770     VOLUME   482944.347 3733208.059 435.68
```

```
   LOCATION L0001771     VOLUME   482944.328 3733199.469 435.67
   LOCATION L0001772     VOLUME   482944.309 3733190.879 435.65
   LOCATION L0001773     VOLUME   482944.290 3733182.289 435.63
   LOCATION L0001774     VOLUME   482944.270 3733173.699 435.61
   LOCATION L0001775     VOLUME   482944.251 3733165.109 435.62
   LOCATION L0001776     VOLUME   482944.232 3733156.519 435.63
   LOCATION L0001777     VOLUME   482944.213 3733147.929 435.64
   LOCATION L0001778     VOLUME   482944.194 3733139.339 435.65
   LOCATION L0001779     VOLUME   482944.174 3733130.749 435.67
   LOCATION L0001780     VOLUME   482944.155 3733122.159 435.69
   LOCATION L0001781     VOLUME   482944.136 3733113.569 435.70
   LOCATION L0001782     VOLUME   482944.117 3733104.979 435.72
   LOCATION L0001783     VOLUME   482944.098 3733096.389 435.74
   LOCATION L0001784     VOLUME   482944.078 3733087.799 435.75
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Loading Dock 2
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0002504
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483193.738, 3733330.958, 436.17, 3.49, 4.00
** 483194.841, 3733085.709, 436.16, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001785     VOLUME   483193.757 3733326.663 436.19
   LOCATION L0001786     VOLUME   483193.796 3733318.073 436.26
   LOCATION L0001787     VOLUME   483193.834 3733309.483 436.32
   LOCATION L0001788     VOLUME   483193.873 3733300.893 436.38
   LOCATION L0001789     VOLUME   483193.912 3733292.304 436.45
   LOCATION L0001790     VOLUME   483193.950 3733283.714 436.54
   LOCATION L0001791     VOLUME   483193.989 3733275.124 436.62
   LOCATION L0001792     VOLUME   483194.028 3733266.534 436.70
   LOCATION L0001793     VOLUME   483194.066 3733257.944 436.75
   LOCATION L0001794     VOLUME   483194.105 3733249.354 436.79
   LOCATION L0001795     VOLUME   483194.144 3733240.764 436.83
   LOCATION L0001796     VOLUME   483194.182 3733232.174 436.86
   LOCATION L0001797     VOLUME   483194.221 3733223.584 436.87
   LOCATION L0001798     VOLUME   483194.259 3733214.994 436.88
   LOCATION L0001799     VOLUME   483194.298 3733206.404 436.89
   LOCATION L0001800     VOLUME   483194.337 3733197.814 436.85
   LOCATION L0001801     VOLUME   483194.375 3733189.225 436.80
   LOCATION L0001802     VOLUME   483194.414 3733180.635 436.74
   LOCATION L0001803     VOLUME   483194.453 3733172.045 436.67
   LOCATION L0001804     VOLUME   483194.491 3733163.455 436.55
   LOCATION L0001805     VOLUME   483194.530 3733154.865 436.43
   LOCATION L0001806     VOLUME   483194.569 3733146.275 436.30
   LOCATION L0001807     VOLUME   483194.607 3733137.685 436.24
   LOCATION L0001808     VOLUME   483194.646 3733129.095 436.21
   LOCATION L0001809     VOLUME   483194.685 3733120.505 436.19
   LOCATION L0001810     VOLUME   483194.723 3733111.915 436.17
   LOCATION L0001811     VOLUME   483194.762 3733103.325 436.17
   LOCATION L0001812     VOLUME   483194.801 3733094.736 436.17
   LOCATION L0001813     VOLUME   483194.839 3733086.146 436.17
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Truck Parking 1
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
```

```
** Emission Rate = 0.00001745
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 482901.866, 3733340.062, 435.41, 3.49, 4.00
** 482902.418, 3733079.088, 435.54, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001265     VOLUME   482901.875 3733335.767 435.40
   LOCATION L0001266     VOLUME   482901.893 3733327.177 435.41
   LOCATION L0001267     VOLUME   482901.911 3733318.587 435.44
   LOCATION L0001268     VOLUME   482901.930 3733309.997 435.47
   LOCATION L0001269     VOLUME   482901.948 3733301.407 435.50
   LOCATION L0001270     VOLUME   482901.966 3733292.817 435.50
   LOCATION L0001271     VOLUME   482901.984 3733284.227 435.47
   LOCATION L0001272     VOLUME   482902.002 3733275.637 435.44
   LOCATION L0001273     VOLUME   482902.020 3733267.047 435.42
   LOCATION L0001274     VOLUME   482902.038 3733258.457 435.40
   LOCATION L0001275     VOLUME   482902.057 3733249.867 435.38
   LOCATION L0001276     VOLUME   482902.075 3733241.277 435.35
   LOCATION L0001277     VOLUME   482902.093 3733232.687 435.34
   LOCATION L0001278     VOLUME   482902.111 3733224.097 435.35
   LOCATION L0001279     VOLUME   482902.129 3733215.507 435.35
   LOCATION L0001280     VOLUME   482902.147 3733206.917 435.36
   LOCATION L0001281     VOLUME   482902.166 3733198.327 435.36
   LOCATION L0001282     VOLUME   482902.184 3733189.737 435.36
   LOCATION L0001283     VOLUME   482902.202 3733181.147 435.36
   LOCATION L0001284     VOLUME   482902.220 3733172.557 435.37
   LOCATION L0001285     VOLUME   482902.238 3733163.967 435.38
   LOCATION L0001286     VOLUME   482902.256 3733155.377 435.40
   LOCATION L0001287     VOLUME   482902.275 3733146.787 435.41
   LOCATION L0001288     VOLUME   482902.293 3733138.197 435.43
   LOCATION L0001289     VOLUME   482902.311 3733129.607 435.45
   LOCATION L0001290     VOLUME   482902.329 3733121.017 435.47
   LOCATION L0001291     VOLUME   482902.347 3733112.427 435.49
   LOCATION L0001292     VOLUME   482902.365 3733103.837 435.51
   LOCATION L0001293     VOLUME   482902.384 3733095.247 435.52
   LOCATION L0001294     VOLUME   482902.402 3733086.657 435.54
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Truck Parking 2
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001745
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483234.567, 3733338.407, 436.41, 3.49, 4.00
** 483235.118, 3733077.984, 436.30, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001295     VOLUME   483234.576 3733334.112 436.41
   LOCATION L0001296     VOLUME   483234.594 3733325.522 436.43
   LOCATION L0001297     VOLUME   483234.612 3733316.932 436.53
   LOCATION L0001298     VOLUME   483234.630 3733308.342 436.63
   LOCATION L0001299     VOLUME   483234.649 3733299.752 436.72
   LOCATION L0001300     VOLUME   483234.667 3733291.162 436.76
   LOCATION L0001301     VOLUME   483234.685 3733282.572 436.76
   LOCATION L0001302     VOLUME   483234.703 3733273.982 436.76
   LOCATION L0001303     VOLUME   483234.721 3733265.392 436.77
   LOCATION L0001304     VOLUME   483234.740 3733256.802 436.76
   LOCATION L0001305     VOLUME   483234.758 3733248.212 436.76
   LOCATION L0001306     VOLUME   483234.776 3733239.622 436.75
   LOCATION L0001307     VOLUME   483234.794 3733231.032 436.75
   LOCATION L0001308     VOLUME   483234.812 3733222.442 436.77
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   LOCATION L0001309     VOLUME   483234.831 3733213.852 436.78
   LOCATION L0001310     VOLUME   483234.849 3733205.262 436.79
   LOCATION L0001311     VOLUME   483234.867 3733196.672 436.74
   LOCATION L0001312     VOLUME   483234.885 3733188.082 436.68
   LOCATION L0001313     VOLUME   483234.903 3733179.492 436.62
   LOCATION L0001314     VOLUME   483234.922 3733170.902 436.56
   LOCATION L0001315     VOLUME   483234.940 3733162.312 436.48
   LOCATION L0001316     VOLUME   483234.958 3733153.722 436.41
   LOCATION L0001317     VOLUME   483234.976 3733145.132 436.33
   LOCATION L0001318     VOLUME   483234.994 3733136.542 436.31
   LOCATION L0001319     VOLUME   483235.012 3733127.952 436.30
   LOCATION L0001320     VOLUME   483235.031 3733119.362 436.30
   LOCATION L0001321     VOLUME   483235.049 3733110.772 436.30
   LOCATION L0001322     VOLUME   483235.067 3733102.182 436.30
   LOCATION L0001323     VOLUME   483235.085 3733093.592 436.30
   LOCATION L0001324     VOLUME   483235.103 3733085.002 436.30
** End of LINE VOLUME Source ID = SLINE4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Truck Parking 3
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001745
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483253.602, 3733338.683, 436.49, 3.49, 4.00
** 483252.774, 3733077.157, 436.40, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001325     VOLUME   483253.588 3733334.388 436.49
   LOCATION L0001326     VOLUME   483253.561 3733325.798 436.51
   LOCATION L0001327     VOLUME   483253.534 3733317.208 436.60
   LOCATION L0001328     VOLUME   483253.507 3733308.618 436.69
   LOCATION L0001329     VOLUME   483253.479 3733300.028 436.78
   LOCATION L0001330     VOLUME   483253.452 3733291.438 436.80
   LOCATION L0001331     VOLUME   483253.425 3733282.848 436.77
   LOCATION L0001332     VOLUME   483253.398 3733274.258 436.75
   LOCATION L0001333     VOLUME   483253.371 3733265.668 436.73
   LOCATION L0001334     VOLUME   483253.343 3733257.078 436.73
   LOCATION L0001335     VOLUME   483253.316 3733248.488 436.73
   LOCATION L0001336     VOLUME   483253.289 3733239.898 436.73
   LOCATION L0001337     VOLUME   483253.262 3733231.308 436.74
   LOCATION L0001338     VOLUME   483253.235 3733222.718 436.76
   LOCATION L0001339     VOLUME   483253.208 3733214.128 436.78
   LOCATION L0001340     VOLUME   483253.180 3733205.538 436.79
   LOCATION L0001341     VOLUME   483253.153 3733196.948 436.75
   LOCATION L0001342     VOLUME   483253.126 3733188.358 436.69
   LOCATION L0001343     VOLUME   483253.099 3733179.768 436.63
   LOCATION L0001344     VOLUME   483253.072 3733171.178 436.58
   LOCATION L0001345     VOLUME   483253.044 3733162.588 436.52
   LOCATION L0001346     VOLUME   483253.017 3733153.998 436.47
   LOCATION L0001347     VOLUME   483252.990 3733145.409 436.42
   LOCATION L0001348     VOLUME   483252.963 3733136.819 436.39
   LOCATION L0001349     VOLUME   483252.936 3733128.229 436.39
   LOCATION L0001350     VOLUME   483252.909 3733119.639 436.38
   LOCATION L0001351     VOLUME   483252.881 3733111.049 436.38
   LOCATION L0001352     VOLUME   483252.854 3733102.459 436.38
   LOCATION L0001353     VOLUME   483252.827 3733093.869 436.37
   LOCATION L0001354     VOLUME   483252.800 3733085.279 436.37
** End of LINE VOLUME Source ID = SLINE5
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC On-Site Truck Movement
```

```
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0001498
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 10
** 483270.688, 3733391.920, 436.55, 3.49, 4.00
** 483229.786, 3733391.021, 436.48, 3.49, 4.00
** 483203.267, 3733402.707, 436.40, 3.49, 4.00
** 482929.987, 3733404.955, 435.49, 3.49, 4.00
** 482921.896, 3733395.516, 435.50, 3.49, 4.00
** 482922.795, 3733027.846, 435.57, 3.49, 4.00
** 482937.178, 3733013.463, 435.66, 3.49, 4.00
** 483199.671, 3733010.317, 436.16, 3.49, 4.00
** 483218.998, 3733025.149, 436.24, 3.49, 4.00
** 483218.099, 3733394.167, 436.42, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0001355     VOLUME   483266.394 3733391.825 436.54
   LOCATION L0001356     VOLUME   483257.806 3733391.637 436.52
   LOCATION L0001357     VOLUME   483249.218 3733391.448 436.50
   LOCATION L0001358     VOLUME   483240.630 3733391.259 436.49
   LOCATION L0001359     VOLUME   483232.042 3733391.070 436.47
   LOCATION L0001360     VOLUME   483223.990 3733393.575 436.43
   LOCATION L0001361     VOLUME   483216.130 3733397.039 436.41
   LOCATION L0001362     VOLUME   483208.269 3733400.503 436.41
   LOCATION L0001363     VOLUME   483200.143 3733402.733 436.40
   LOCATION L0001364     VOLUME   483191.554 3733402.804 436.40
   LOCATION L0001365     VOLUME   483182.964 3733402.874 436.39
   LOCATION L0001366     VOLUME   483174.374 3733402.945 436.38
   LOCATION L0001367     VOLUME   483165.785 3733403.015 436.37
   LOCATION L0001368     VOLUME   483157.195 3733403.086 436.35
   LOCATION L0001369     VOLUME   483148.605 3733403.157 436.31
   LOCATION L0001370     VOLUME   483140.015 3733403.227 436.28
   LOCATION L0001371     VOLUME   483131.426 3733403.298 436.23
   LOCATION L0001372     VOLUME   483122.836 3733403.369 436.12
   LOCATION L0001373     VOLUME   483114.246 3733403.439 436.02
   LOCATION L0001374     VOLUME   483105.657 3733403.510 435.95
   LOCATION L0001375     VOLUME   483097.067 3733403.581 435.93
   LOCATION L0001376     VOLUME   483088.477 3733403.651 435.91
   LOCATION L0001377     VOLUME   483079.887 3733403.722 435.88
   LOCATION L0001378     VOLUME   483071.298 3733403.792 435.83
   LOCATION L0001379     VOLUME   483062.708 3733403.863 435.79
   LOCATION L0001380     VOLUME   483054.118 3733403.934 435.75
   LOCATION L0001381     VOLUME   483045.529 3733404.004 435.72
   LOCATION L0001382     VOLUME   483036.939 3733404.075 435.70
   LOCATION L0001383     VOLUME   483028.349 3733404.146 435.68
   LOCATION L0001384     VOLUME   483019.759 3733404.216 435.65
   LOCATION L0001385     VOLUME   483011.170 3733404.287 435.63
   LOCATION L0001386     VOLUME   483002.580 3733404.358 435.61
   LOCATION L0001387     VOLUME   482993.990 3733404.428 435.59
   LOCATION L0001388     VOLUME   482985.401 3733404.499 435.57
   LOCATION L0001389     VOLUME   482976.811 3733404.570 435.55
   LOCATION L0001390     VOLUME   482968.221 3733404.640 435.53
   LOCATION L0001391     VOLUME   482959.632 3733404.711 435.51
   LOCATION L0001392     VOLUME   482951.042 3733404.781 435.50
   LOCATION L0001393     VOLUME   482942.452 3733404.852 435.50
   LOCATION L0001394     VOLUME   482933.862 3733404.923 435.50
   LOCATION L0001395     VOLUME   482926.919 3733401.375 435.50
   LOCATION L0001396     VOLUME   482921.898 3733394.643 435.49
   LOCATION L0001397     VOLUME   482921.919 3733386.053 435.50
   LOCATION L0001398     VOLUME   482921.940 3733377.463 435.49
   LOCATION L0001399     VOLUME   482921.961 3733368.873 435.48
   LOCATION L0001400     VOLUME   482921.982 3733360.283 435.48
   LOCATION L0001401     VOLUME   482922.003 3733351.693 435.48
   LOCATION L0001402     VOLUME   482922.024 3733343.103 435.49
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      LOCATION L0001403     VOLUME   482922.045 3733334.513 435.51
      LOCATION L0001404     VOLUME   482922.066 3733325.923 435.52
      LOCATION L0001405     VOLUME   482922.087 3733317.333 435.57
      LOCATION L0001406     VOLUME   482922.108 3733308.744 435.61
      LOCATION L0001407     VOLUME   482922.129 3733300.154 435.65
      LOCATION L0001408     VOLUME   482922.150 3733291.564 435.64
      LOCATION L0001409     VOLUME   482922.171 3733282.974 435.60
      LOCATION L0001410     VOLUME   482922.192 3733274.384 435.57
      LOCATION L0001411     VOLUME   482922.213 3733265.794 435.54
      LOCATION L0001412     VOLUME   482922.234 3733257.204 435.53
      LOCATION L0001413     VOLUME   482922.255 3733248.614 435.53
      LOCATION L0001414     VOLUME   482922.276 3733240.024 435.53
      LOCATION L0001415     VOLUME   482922.297 3733231.434 435.54
      LOCATION L0001416     VOLUME   482922.318 3733222.844 435.56
      LOCATION L0001417     VOLUME   482922.339 3733214.254 435.58
      LOCATION L0001418     VOLUME   482922.360 3733205.664 435.59
      LOCATION L0001419     VOLUME   482922.381 3733197.074 435.58
      LOCATION L0001420     VOLUME   482922.402 3733188.484 435.56
      LOCATION L0001421     VOLUME   482922.423 3733179.894 435.54
      LOCATION L0001422     VOLUME   482922.444 3733171.304 435.53
      LOCATION L0001423     VOLUME   482922.465 3733162.714 435.54
      LOCATION L0001424     VOLUME   482922.486 3733154.124 435.55
      LOCATION L0001425     VOLUME   482922.507 3733145.534 435.56
      LOCATION L0001426     VOLUME   482922.528 3733136.944 435.58
      LOCATION L0001427     VOLUME   482922.549 3733128.354 435.60
      LOCATION L0001428     VOLUME   482922.570 3733119.764 435.62
      LOCATION L0001429     VOLUME   482922.591 3733111.174 435.64
      LOCATION L0001430     VOLUME   482922.612 3733102.584 435.66
      LOCATION L0001431     VOLUME   482922.633 3733093.994 435.67
      LOCATION L0001432     VOLUME   482922.654 3733085.404 435.69
      LOCATION L0001433     VOLUME   482922.675 3733076.814 435.70
      LOCATION L0001434     VOLUME   482922.696 3733068.224 435.71
      LOCATION L0001435     VOLUME   482922.717 3733059.634 435.71
      LOCATION L0001436     VOLUME   482922.738 3733051.044 435.72
      LOCATION L0001437     VOLUME   482922.759 3733042.454 435.72
      LOCATION L0001438     VOLUME   482922.780 3733033.864 435.72
      LOCATION L0001439     VOLUME   482924.614 3733026.028 435.73
      LOCATION L0001440     VOLUME   482930.688 3733019.954 435.74
      LOCATION L0001441     VOLUME   482936.762 3733013.880 435.61
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      LOCATION L0001444     VOLUME   482962.358 3733013.161 435.64
      LOCATION L0001445     VOLUME   482970.947 3733013.058 435.65
      LOCATION L0001446     VOLUME   482979.536 3733012.955 435.67
      LOCATION L0001447     VOLUME   482988.126 3733012.853 435.69
      LOCATION L0001448     VOLUME   482996.715 3733012.750 435.70
      LOCATION L0001449     VOLUME   483005.305 3733012.647 435.72
      LOCATION L0001450     VOLUME   483013.894 3733012.544 435.73
      LOCATION L0001451     VOLUME   483022.483 3733012.441 435.75
      LOCATION L0001452     VOLUME   483031.073 3733012.338 435.76
      LOCATION L0001453     VOLUME   483039.662 3733012.235 435.77
      LOCATION L0001454     VOLUME   483048.251 3733012.132 435.79
      LOCATION L0001455     VOLUME   483056.841 3733012.029 435.80
      LOCATION L0001456     VOLUME   483065.430 3733011.926 435.82
      LOCATION L0001457     VOLUME   483074.020 3733011.823 435.84
      LOCATION L0001458     VOLUME   483082.609 3733011.720 435.86
      LOCATION L0001459     VOLUME   483091.198 3733011.617 435.88
      LOCATION L0001460     VOLUME   483099.788 3733011.514 435.90
      LOCATION L0001461     VOLUME   483108.377 3733011.411 435.91
      LOCATION L0001462     VOLUME   483116.967 3733011.308 435.93
      LOCATION L0001463     VOLUME   483125.556 3733011.205 435.94
      LOCATION L0001464     VOLUME   483134.145 3733011.102 435.95
      LOCATION L0001465     VOLUME   483142.735 3733010.999 435.97
      LOCATION L0001466     VOLUME   483151.324 3733010.896 435.98
      LOCATION L0001467     VOLUME   483159.913 3733010.793 435.99
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   LOCATION L0001472     VOLUME   483202.201 3733012.259 436.12
   LOCATION L0001473     VOLUME   483209.016 3733017.489 436.23
   LOCATION L0001474     VOLUME   483215.830 3733022.718 436.30
   LOCATION L0001475     VOLUME   483218.987 3733029.746 436.30
   LOCATION L0001476     VOLUME   483218.966 3733038.336 436.29
   LOCATION L0001477     VOLUME   483218.945 3733046.926 436.28
   LOCATION L0001478     VOLUME   483218.924 3733055.516 436.27
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   LOCATION L0001480     VOLUME   483218.882 3733072.696 436.25
   LOCATION L0001481     VOLUME   483218.861 3733081.286 436.24
   LOCATION L0001482     VOLUME   483218.840 3733089.876 436.24
   LOCATION L0001483     VOLUME   483218.820 3733098.466 436.24
   LOCATION L0001484     VOLUME   483218.799 3733107.056 436.24
   LOCATION L0001485     VOLUME   483218.778 3733115.646 436.25
   LOCATION L0001486     VOLUME   483218.757 3733124.236 436.26
   LOCATION L0001487     VOLUME   483218.736 3733132.826 436.27
   LOCATION L0001488     VOLUME   483218.715 3733141.416 436.28
   LOCATION L0001489     VOLUME   483218.694 3733150.006 436.35
   LOCATION L0001490     VOLUME   483218.673 3733158.596 436.44
   LOCATION L0001491     VOLUME   483218.652 3733167.186 436.53
   LOCATION L0001492     VOLUME   483218.631 3733175.776 436.61
   LOCATION L0001493     VOLUME   483218.610 3733184.366 436.65
   LOCATION L0001494     VOLUME   483218.589 3733192.956 436.69
   LOCATION L0001495     VOLUME   483218.568 3733201.546 436.74
   LOCATION L0001496     VOLUME   483218.548 3733210.136 436.75
   LOCATION L0001497     VOLUME   483218.527 3733218.726 436.76
   LOCATION L0001498     VOLUME   483218.506 3733227.316 436.77
   LOCATION L0001499     VOLUME   483218.485 3733235.906 436.77
   LOCATION L0001500     VOLUME   483218.464 3733244.496 436.77
   LOCATION L0001501     VOLUME   483218.443 3733253.086 436.77
   LOCATION L0001502     VOLUME   483218.422 3733261.676 436.77
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   LOCATION L0001508     VOLUME   483218.296 3733313.215 436.44
   LOCATION L0001509     VOLUME   483218.275 3733321.805 436.36
   LOCATION L0001510     VOLUME   483218.255 3733330.395 436.31
   LOCATION L0001511     VOLUME   483218.234 3733338.985 436.32
   LOCATION L0001512     VOLUME   483218.213 3733347.575 436.34
   LOCATION L0001513     VOLUME   483218.192 3733356.165 436.35
   LOCATION L0001514     VOLUME   483218.171 3733364.755 436.37
   LOCATION L0001515     VOLUME   483218.150 3733373.345 436.39
   LOCATION L0001516     VOLUME   483218.129 3733381.935 436.41
   LOCATION L0001517     VOLUME   483218.108 3733390.525 436.43
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Sherman Road 100%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0000223
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483284.106, 3733019.290, 436.76, 3.49, 4.00
** 483281.924, 3733668.796, 436.82, 3.49, 4.00
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   LOCATION L0001519     VOLUME   483284.063 3733032.175 436.70
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    LOCATION L0001520     VOLUME   483284.034 3733040.765 436.67
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    LOCATION L0001522     VOLUME   483283.977 3733057.945 436.62
    LOCATION L0001523     VOLUME   483283.948 3733066.535 436.60
    LOCATION L0001524     VOLUME   483283.919 3733075.125 436.57
    LOCATION L0001525     VOLUME   483283.890 3733083.715 436.56
    LOCATION L0001526     VOLUME   483283.861 3733092.305 436.55
    LOCATION L0001527     VOLUME   483283.832 3733100.895 436.55
    LOCATION L0001528     VOLUME   483283.803 3733109.485 436.55
    LOCATION L0001529     VOLUME   483283.775 3733118.075 436.54
    LOCATION L0001530     VOLUME   483283.746 3733126.665 436.54
    LOCATION L0001531     VOLUME   483283.717 3733135.254 436.54
    LOCATION L0001532     VOLUME   483283.688 3733143.844 436.54
    LOCATION L0001533     VOLUME   483283.659 3733152.434 436.55
    LOCATION L0001534     VOLUME   483283.630 3733161.024 436.55
    LOCATION L0001535     VOLUME   483283.601 3733169.614 436.56
    LOCATION L0001536     VOLUME   483283.573 3733178.204 436.56
    LOCATION L0001537     VOLUME   483283.544 3733186.794 436.57
    LOCATION L0001538     VOLUME   483283.515 3733195.384 436.58
    LOCATION L0001539     VOLUME   483283.486 3733203.974 436.59
    LOCATION L0001540     VOLUME   483283.457 3733212.564 436.58
    LOCATION L0001541     VOLUME   483283.428 3733221.154 436.58
    LOCATION L0001542     VOLUME   483283.399 3733229.744 436.57
    LOCATION L0001543     VOLUME   483283.371 3733238.334 436.56
    LOCATION L0001544     VOLUME   483283.342 3733246.924 436.54
    LOCATION L0001545     VOLUME   483283.313 3733255.514 436.51
    LOCATION L0001546     VOLUME   483283.284 3733264.104 436.48
    LOCATION L0001547     VOLUME   483283.255 3733272.694 436.51
    LOCATION L0001548     VOLUME   483283.226 3733281.284 436.54
    LOCATION L0001549     VOLUME   483283.197 3733289.874 436.57
    LOCATION L0001550     VOLUME   483283.169 3733298.464 436.59
    LOCATION L0001551     VOLUME   483283.140 3733307.054 436.57
    LOCATION L0001552     VOLUME   483283.111 3733315.643 436.54
    LOCATION L0001553     VOLUME   483283.082 3733324.233 436.52
    LOCATION L0001554     VOLUME   483283.053 3733332.823 436.52
    LOCATION L0001555     VOLUME   483283.024 3733341.413 436.53
    LOCATION L0001556     VOLUME   483282.995 3733350.003 436.54
    LOCATION L0001557     VOLUME   483282.967 3733358.593 436.55
    LOCATION L0001558     VOLUME   483282.938 3733367.183 436.57
    LOCATION L0001559     VOLUME   483282.909 3733375.773 436.58
    LOCATION L0001560     VOLUME   483282.880 3733384.363 436.60
    LOCATION L0001561     VOLUME   483282.851 3733392.953 436.60
    LOCATION L0001562     VOLUME   483282.822 3733401.543 436.59
    LOCATION L0001563     VOLUME   483282.793 3733410.133 436.57
    LOCATION L0001564     VOLUME   483282.765 3733418.723 436.55
    LOCATION L0001565     VOLUME   483282.736 3733427.313 436.57
    LOCATION L0001566     VOLUME   483282.707 3733435.903 436.58
    LOCATION L0001567     VOLUME   483282.678 3733444.493 436.60
    LOCATION L0001568     VOLUME   483282.649 3733453.083 436.62
    LOCATION L0001569     VOLUME   483282.620 3733461.673 436.66
    LOCATION L0001570     VOLUME   483282.591 3733470.263 436.69
    LOCATION L0001571     VOLUME   483282.563 3733478.853 436.73
    LOCATION L0001572     VOLUME   483282.534 3733487.443 436.76
    LOCATION L0001573     VOLUME   483282.505 3733496.032 436.79
    LOCATION L0001574     VOLUME   483282.476 3733504.622 436.81
    LOCATION L0001575     VOLUME   483282.447 3733513.212 436.84
    LOCATION L0001576     VOLUME   483282.418 3733521.802 436.86
    LOCATION L0001577     VOLUME   483282.389 3733530.392 436.89
    LOCATION L0001578     VOLUME   483282.361 3733538.982 436.91
    LOCATION L0001579     VOLUME   483282.332 3733547.572 436.93
    LOCATION L0001580     VOLUME   483282.303 3733556.162 436.97
    LOCATION L0001581     VOLUME   483282.274 3733564.752 437.00
    LOCATION L0001582     VOLUME   483282.245 3733573.342 437.03
    LOCATION L0001583     VOLUME   483282.216 3733581.932 437.04
    LOCATION L0001584     VOLUME   483282.187 3733590.522 437.04
    LOCATION L0001585     VOLUME   483282.159 3733599.112 437.05
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   LOCATION L0001586     VOLUME   483282.130 3733607.702 437.05
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   LOCATION L0001588     VOLUME   483282.072 3733624.882 436.99
   LOCATION L0001589     VOLUME   483282.043 3733633.472 436.97
   LOCATION L0001590     VOLUME   483282.014 3733642.062 436.93
   LOCATION L0001591     VOLUME   483281.985 3733650.652 436.88
   LOCATION L0001592     VOLUME   483281.957 3733659.242 436.84
   LOCATION L0001593     VOLUME   483281.928 3733667.831 436.79
** End of LINE VOLUME Source ID = SLINE7
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
** DESCRSRC Ethanac Road 100%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00002462
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
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** 482916.503, 3733667.447, 435.61, 3.49, 4.00
** 482565.464, 3733672.391, 440.31, 3.49, 4.00
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   LOCATION L0001596     VOLUME   483260.899 3733669.563 436.73
   LOCATION L0001597     VOLUME   483252.309 3733669.510 436.69
   LOCATION L0001598     VOLUME   483243.720 3733669.457 436.65
   LOCATION L0001599     VOLUME   483235.130 3733669.404 436.62
   LOCATION L0001600     VOLUME   483226.540 3733669.352 436.59
   LOCATION L0001601     VOLUME   483217.950 3733669.299 436.56
   LOCATION L0001602     VOLUME   483209.360 3733669.246 436.52
   LOCATION L0001603     VOLUME   483200.770 3733669.193 436.48
   LOCATION L0001604     VOLUME   483192.181 3733669.140 436.43
   LOCATION L0001605     VOLUME   483183.591 3733669.088 436.39
   LOCATION L0001606     VOLUME   483175.001 3733669.035 436.34
   LOCATION L0001607     VOLUME   483166.411 3733668.982 436.30
   LOCATION L0001608     VOLUME   483157.821 3733668.929 436.26
   LOCATION L0001609     VOLUME   483149.231 3733668.877 436.22
   LOCATION L0001610     VOLUME   483140.642 3733668.824 436.18
   LOCATION L0001611     VOLUME   483132.052 3733668.771 436.14
   LOCATION L0001612     VOLUME   483123.462 3733668.718 436.11
   LOCATION L0001613     VOLUME   483114.872 3733668.666 436.08
   LOCATION L0001614     VOLUME   483106.282 3733668.613 436.05
   LOCATION L0001615     VOLUME   483097.692 3733668.560 436.03
   LOCATION L0001616     VOLUME   483089.103 3733668.507 436.00
   LOCATION L0001617     VOLUME   483080.513 3733668.455 435.97
   LOCATION L0001618     VOLUME   483071.923 3733668.402 435.94
   LOCATION L0001619     VOLUME   483063.333 3733668.349 435.90
   LOCATION L0001620     VOLUME   483054.743 3733668.296 435.87
   LOCATION L0001621     VOLUME   483046.153 3733668.243 435.86
   LOCATION L0001622     VOLUME   483037.564 3733668.191 435.84
   LOCATION L0001623     VOLUME   483028.974 3733668.138 435.82
   LOCATION L0001624     VOLUME   483020.384 3733668.085 435.79
   LOCATION L0001625     VOLUME   483011.794 3733668.032 435.77
   LOCATION L0001626     VOLUME   483003.204 3733667.980 435.74
   LOCATION L0001627     VOLUME   482994.614 3733667.927 435.72
   LOCATION L0001628     VOLUME   482986.025 3733667.874 435.70
   LOCATION L0001629     VOLUME   482977.435 3733667.821 435.68
   LOCATION L0001630     VOLUME   482968.845 3733667.769 435.66
   LOCATION L0001631     VOLUME   482960.255 3733667.716 435.65
   LOCATION L0001632     VOLUME   482951.665 3733667.663 435.64
   LOCATION L0001633     VOLUME   482943.075 3733667.610 435.63
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   LOCATION L0001635     VOLUME   482925.896 3733667.505 435.62
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   LOCATION L0001639     VOLUME   482891.538 3733667.799 435.61
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   LOCATION L0001641     VOLUME   482874.360 3733668.041 435.60
   LOCATION L0001642     VOLUME   482865.771 3733668.162 435.61
   LOCATION L0001643     VOLUME   482857.182 3733668.283 435.62
   LOCATION L0001644     VOLUME   482848.593 3733668.404 435.62
   LOCATION L0001645     VOLUME   482840.003 3733668.525 435.60
   LOCATION L0001646     VOLUME   482831.414 3733668.646 435.59
   LOCATION L0001647     VOLUME   482822.825 3733668.766 435.58
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   LOCATION L0001653     VOLUME   482771.290 3733669.492 435.57
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   LOCATION L0001655     VOLUME   482754.112 3733669.734 435.59
   LOCATION L0001656     VOLUME   482745.523 3733669.855 435.60
   LOCATION L0001657     VOLUME   482736.934 3733669.976 435.59
   LOCATION L0001658     VOLUME   482728.344 3733670.097 435.59
   LOCATION L0001659     VOLUME   482719.755 3733670.218 435.62
   LOCATION L0001660     VOLUME   482711.166 3733670.339 435.70
   LOCATION L0001661     VOLUME   482702.577 3733670.460 435.78
   LOCATION L0001662     VOLUME   482693.988 3733670.581 435.90
   LOCATION L0001663     VOLUME   482685.399 3733670.702 436.08
   LOCATION L0001664     VOLUME   482676.810 3733670.823 436.27
   LOCATION L0001665     VOLUME   482668.220 3733670.944 436.47
   LOCATION L0001666     VOLUME   482659.631 3733671.065 436.72
   LOCATION L0001667     VOLUME   482651.042 3733671.186 436.96
   LOCATION L0001668     VOLUME   482642.453 3733671.307 437.21
   LOCATION L0001669     VOLUME   482633.864 3733671.428 437.45
   LOCATION L0001670     VOLUME   482625.275 3733671.549 437.69
   LOCATION L0001671     VOLUME   482616.686 3733671.670 437.95
   LOCATION L0001672     VOLUME   482608.096 3733671.791 438.23
   LOCATION L0001673     VOLUME   482599.507 3733671.912 438.52
   LOCATION L0001674     VOLUME   482590.918 3733672.033 438.87
   LOCATION L0001675     VOLUME   482582.329 3733672.154 439.34
   LOCATION L0001676     VOLUME   482573.740 3733672.275 439.81
** End of LINE VOLUME Source ID = SLINE8
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE9
** DESCRSRC Encanto Drive (North) 60%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 5.612E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 7
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** 482495.800, 3733893.415, 434.88, 3.49, 4.00
** 482502.411, 3733866.461, 434.70, 3.49, 4.00
** 482516.821, 3733817.469, 435.61, 3.49, 4.00
** 482532.925, 3733767.460, 436.34, 3.49, 4.00
** 482558.015, 3733700.329, 438.36, 3.49, 4.00
** 482568.525, 3733672.018, 440.32, 3.49, 4.00
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   LOCATION L0001678     VOLUME   482491.024 3733919.226 434.59
   LOCATION L0001679     VOLUME   482492.587 3733910.780 434.65
   LOCATION L0001680     VOLUME   482494.150 3733902.333 434.69
   LOCATION L0001681     VOLUME   482495.713 3733893.886 434.74
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   LOCATION L0001682     VOLUME   482497.732 3733885.538 434.77
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   LOCATION L0001684     VOLUME   482501.824 3733868.853 434.80
   LOCATION L0001685     VOLUME   482504.140 3733860.582 434.84
   LOCATION L0001686     VOLUME   482506.564 3733852.342 434.92
   LOCATION L0001687     VOLUME   482508.988 3733844.101 435.02
   LOCATION L0001688     VOLUME   482511.411 3733835.860 435.18
   LOCATION L0001689     VOLUME   482513.835 3733827.619 435.39
   LOCATION L0001690     VOLUME   482516.259 3733819.378 435.65
   LOCATION L0001691     VOLUME   482518.844 3733811.186 435.72
   LOCATION L0001692     VOLUME   482521.477 3733803.010 435.73
   LOCATION L0001693     VOLUME   482524.110 3733794.833 435.75
   LOCATION L0001694     VOLUME   482526.743 3733786.657 435.76
   LOCATION L0001695     VOLUME   482529.376 3733778.480 435.83
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   LOCATION L0001701     VOLUME   482546.915 3733730.027 437.47
   LOCATION L0001702     VOLUME   482549.923 3733721.980 437.47
   LOCATION L0001703     VOLUME   482552.930 3733713.934 437.60
   LOCATION L0001704     VOLUME   482555.937 3733705.887 437.90
   LOCATION L0001705     VOLUME   482558.939 3733697.839 438.37
   LOCATION L0001706     VOLUME   482561.929 3733689.786 438.97
   LOCATION L0001707     VOLUME   482564.918 3733681.733 439.52
   LOCATION L0001708     VOLUME   482567.908 3733673.680 440.02
** End of LINE VOLUME Source ID = SLINE9
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC Encanto Drive (South) 20%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 5.492E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
** 482567.508, 3733669.137, 440.36, 3.49, 4.00
** 482562.422, 3733649.641, 438.33, 3.49, 4.00
** 482546.657, 3733608.956, 437.12, 3.49, 4.00
** 482524.449, 3733548.437, 435.76, 3.49, 4.00
** 482511.057, 3733506.395, 435.58, 3.49, 4.00
** 482500.716, 3733463.506, 435.08, 3.49, 4.00
** 482493.596, 3733413.497, 435.19, 3.49, 4.00
** 482486.307, 3733338.907, 435.24, 3.49, 4.00
** 482481.729, 3733281.100, 435.28, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001709     VOLUME   482566.424 3733664.981 440.26
   LOCATION L0001710     VOLUME   482564.255 3733656.669 439.84
   LOCATION L0001711     VOLUME   482561.942 3733648.404 439.36
   LOCATION L0001712     VOLUME   482558.839 3733640.394 438.81
   LOCATION L0001713     VOLUME   482555.735 3733632.384 438.26
   LOCATION L0001714     VOLUME   482552.631 3733624.375 437.81
   LOCATION L0001715     VOLUME   482549.527 3733616.365 437.46
   LOCATION L0001716     VOLUME   482546.435 3733608.351 437.21
   LOCATION L0001717     VOLUME   482543.475 3733600.287 437.22
   LOCATION L0001718     VOLUME   482540.516 3733592.223 437.09
   LOCATION L0001719     VOLUME   482537.557 3733584.159 436.87
   LOCATION L0001720     VOLUME   482534.598 3733576.094 436.68
   LOCATION L0001721     VOLUME   482531.639 3733568.030 436.31
   LOCATION L0001722     VOLUME   482528.680 3733559.966 436.03
   LOCATION L0001723     VOLUME   482525.721 3733551.902 435.87
   LOCATION L0001724     VOLUME   482522.962 3733543.769 435.82
   LOCATION L0001725     VOLUME   482520.355 3733535.584 435.77
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   LOCATION L0001726     VOLUME   482517.748 3733527.399 435.77
   LOCATION L0001727     VOLUME   482515.140 3733519.214 435.74
   LOCATION L0001728     VOLUME   482512.533 3733511.030 435.62
   LOCATION L0001729     VOLUME   482510.183 3733502.773 435.44
   LOCATION L0001730     VOLUME   482508.170 3733494.422 435.31
   LOCATION L0001731     VOLUME   482506.157 3733486.072 435.21
   LOCATION L0001732     VOLUME   482504.143 3733477.721 435.15
   LOCATION L0001733     VOLUME   482502.130 3733469.370 435.11
   LOCATION L0001734     VOLUME   482500.355 3733460.974 435.10
   LOCATION L0001735     VOLUME   482499.145 3733452.469 435.09
   LOCATION L0001736     VOLUME   482497.934 3733443.965 435.10
   LOCATION L0001737     VOLUME   482496.723 3733435.461 435.12
   LOCATION L0001738     VOLUME   482495.512 3733426.957 435.13
   LOCATION L0001739     VOLUME   482494.302 3733418.452 435.15
   LOCATION L0001740     VOLUME   482493.247 3733409.929 435.16
   LOCATION L0001741     VOLUME   482492.412 3733401.380 435.17
   LOCATION L0001742     VOLUME   482491.576 3733392.831 435.18
   LOCATION L0001743     VOLUME   482490.741 3733384.282 435.19
   LOCATION L0001744     VOLUME   482489.905 3733375.732 435.20
   LOCATION L0001745     VOLUME   482489.070 3733367.183 435.21
   LOCATION L0001746     VOLUME   482488.234 3733358.634 435.23
   LOCATION L0001747     VOLUME   482487.399 3733350.085 435.25
   LOCATION L0001748     VOLUME   482486.563 3733341.535 435.27
   LOCATION L0001749     VOLUME   482485.837 3733332.976 435.29
   LOCATION L0001750     VOLUME   482485.159 3733324.413 435.30
   LOCATION L0001751     VOLUME   482484.481 3733315.850 435.32
   LOCATION L0001752     VOLUME   482483.803 3733307.287 435.33
   LOCATION L0001753     VOLUME   482483.125 3733298.724 435.34
   LOCATION L0001754     VOLUME   482482.447 3733290.160 435.36
   LOCATION L0001755     VOLUME   482481.769 3733281.597 435.38
** End of LINE VOLUME Source ID = SLINE10
   LOCATION STCK1        POINT     483178.520  3733370.820      436.250
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0001756     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001757     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001758     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001759     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001760     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001761     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001762     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001763     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001764     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001765     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001766     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001767     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001768     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001769     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001770     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001771     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001772     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001773     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001774     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001775     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001776     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001777     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001778     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001779     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001780     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001781     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001782     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001783     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001784     0.000008634      3.49      4.00      3.25
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0001785     0.000008634      3.49      4.00      3.25
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   SRCPARAM L0001786     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001787     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001788     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001789     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001790     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001791     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001792     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001793     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001794     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001795     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001796     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001797     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001798     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001799     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001800     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001801     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001802     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001803     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001804     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001805     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001806     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001807     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001808     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001809     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001810     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001811     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001812     0.000008634      3.49      4.00      3.25
   SRCPARAM L0001813     0.000008634      3.49      4.00      3.25
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0001265     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001266     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001267     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001268     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001269     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001270     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001271     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001272     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001273     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001274     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001275     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001276     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001277     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001278     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001279     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001280     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001281     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001282     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001283     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001284     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001285     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001286     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001287     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001288     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001289     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001290     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001291     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001292     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001293     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001294     0.0000005817      3.49      4.00      3.25
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0001295     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001296     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001297     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001298     0.0000005817      3.49      4.00      3.25
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   SRCPARAM L0001299     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001300     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001301     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001302     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001303     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001304     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001305     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001306     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001307     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001308     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001309     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001310     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001311     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001312     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001313     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001314     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001315     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001316     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001317     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001318     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001319     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001320     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001321     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001322     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001323     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001324     0.0000005817      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0001325     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001326     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001327     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001328     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001329     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001330     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001331     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001332     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001333     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001334     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001335     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001336     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001337     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001338     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001339     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001340     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001341     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001342     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001343     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001344     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001345     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001346     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001347     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001348     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001349     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001350     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001351     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001352     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001353     0.0000005817      3.49      4.00      3.25
   SRCPARAM L0001354     0.0000005817      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0001355     0.000000919       3.49      4.00      3.25
   SRCPARAM L0001356     0.000000919       3.49      4.00      3.25
   SRCPARAM L0001357     0.000000919       3.49      4.00      3.25
   SRCPARAM L0001358     0.000000919       3.49      4.00      3.25
   SRCPARAM L0001359     0.000000919       3.49      4.00      3.25
   SRCPARAM L0001360     0.000000919       3.49      4.00      3.25
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924       SRCPARAM L0001361     0.000000919      3.49      4.00      3.25
925       SRCPARAM L0001362     0.000000919      3.49      4.00      3.25
926       SRCPARAM L0001363     0.000000919      3.49      4.00      3.25
927       SRCPARAM L0001364     0.000000919      3.49      4.00      3.25
928       SRCPARAM L0001365     0.000000919      3.49      4.00      3.25
929       SRCPARAM L0001366     0.000000919      3.49      4.00      3.25
930       SRCPARAM L0001367     0.000000919      3.49      4.00      3.25
931       SRCPARAM L0001368     0.000000919      3.49      4.00      3.25
932       SRCPARAM L0001369     0.000000919      3.49      4.00      3.25
933       SRCPARAM L0001370     0.000000919      3.49      4.00      3.25
934       SRCPARAM L0001371     0.000000919      3.49      4.00      3.25
935       SRCPARAM L0001372     0.000000919      3.49      4.00      3.25
936       SRCPARAM L0001373     0.000000919      3.49      4.00      3.25
937       SRCPARAM L0001374     0.000000919      3.49      4.00      3.25
938       SRCPARAM L0001375     0.000000919      3.49      4.00      3.25
939       SRCPARAM L0001376     0.000000919      3.49      4.00      3.25
940       SRCPARAM L0001377     0.000000919      3.49      4.00      3.25
941       SRCPARAM L0001378     0.000000919      3.49      4.00      3.25
942       SRCPARAM L0001379     0.000000919      3.49      4.00      3.25
943       SRCPARAM L0001380     0.000000919      3.49      4.00      3.25
944       SRCPARAM L0001381     0.000000919      3.49      4.00      3.25
945       SRCPARAM L0001382     0.000000919      3.49      4.00      3.25
946       SRCPARAM L0001383     0.000000919      3.49      4.00      3.25
947       SRCPARAM L0001384     0.000000919      3.49      4.00      3.25
948       SRCPARAM L0001385     0.000000919      3.49      4.00      3.25
949       SRCPARAM L0001386     0.000000919      3.49      4.00      3.25
950       SRCPARAM L0001387     0.000000919      3.49      4.00      3.25
951       SRCPARAM L0001388     0.000000919      3.49      4.00      3.25
952       SRCPARAM L0001389     0.000000919      3.49      4.00      3.25
953       SRCPARAM L0001390     0.000000919      3.49      4.00      3.25
954       SRCPARAM L0001391     0.000000919      3.49      4.00      3.25
955       SRCPARAM L0001392     0.000000919      3.49      4.00      3.25
956       SRCPARAM L0001393     0.000000919      3.49      4.00      3.25
957       SRCPARAM L0001394     0.000000919      3.49      4.00      3.25
958       SRCPARAM L0001395     0.000000919      3.49      4.00      3.25
959       SRCPARAM L0001396     0.000000919      3.49      4.00      3.25
960       SRCPARAM L0001397     0.000000919      3.49      4.00      3.25
961       SRCPARAM L0001398     0.000000919      3.49      4.00      3.25
962       SRCPARAM L0001399     0.000000919      3.49      4.00      3.25
963       SRCPARAM L0001400     0.000000919      3.49      4.00      3.25
964       SRCPARAM L0001401     0.000000919      3.49      4.00      3.25
965       SRCPARAM L0001402     0.000000919      3.49      4.00      3.25
966       SRCPARAM L0001403     0.000000919      3.49      4.00      3.25
967       SRCPARAM L0001404     0.000000919      3.49      4.00      3.25
968       SRCPARAM L0001405     0.000000919      3.49      4.00      3.25
969       SRCPARAM L0001406     0.000000919      3.49      4.00      3.25
970       SRCPARAM L0001407     0.000000919      3.49      4.00      3.25
971       SRCPARAM L0001408     0.000000919      3.49      4.00      3.25
972       SRCPARAM L0001409     0.000000919      3.49      4.00      3.25
973       SRCPARAM L0001410     0.000000919      3.49      4.00      3.25
974       SRCPARAM L0001411     0.000000919      3.49      4.00      3.25
975       SRCPARAM L0001412     0.000000919      3.49      4.00      3.25
976       SRCPARAM L0001413     0.000000919      3.49      4.00      3.25
977       SRCPARAM L0001414     0.000000919      3.49      4.00      3.25
978       SRCPARAM L0001415     0.000000919      3.49      4.00      3.25
979       SRCPARAM L0001416     0.000000919      3.49      4.00      3.25
980       SRCPARAM L0001417     0.000000919      3.49      4.00      3.25
981       SRCPARAM L0001418     0.000000919      3.49      4.00      3.25
982       SRCPARAM L0001419     0.000000919      3.49      4.00      3.25
983       SRCPARAM L0001420     0.000000919      3.49      4.00      3.25
984       SRCPARAM L0001421     0.000000919      3.49      4.00      3.25
985       SRCPARAM L0001422     0.000000919      3.49      4.00      3.25
986       SRCPARAM L0001423     0.000000919      3.49      4.00      3.25
987       SRCPARAM L0001424     0.000000919      3.49      4.00      3.25
988       SRCPARAM L0001425     0.000000919      3.49      4.00      3.25
989       SRCPARAM L0001426     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001427     0.000000919      3.49      4.00      3.25
SRCPARAM L0001428     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001439     0.000000919      3.49      4.00      3.25
SRCPARAM L0001440     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001442     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001444     0.000000919      3.49      4.00      3.25
SRCPARAM L0001445     0.000000919      3.49      4.00      3.25
SRCPARAM L0001446     0.000000919      3.49      4.00      3.25
SRCPARAM L0001447     0.000000919      3.49      4.00      3.25
SRCPARAM L0001448     0.000000919      3.49      4.00      3.25
SRCPARAM L0001449     0.000000919      3.49      4.00      3.25
SRCPARAM L0001450     0.000000919      3.49      4.00      3.25
SRCPARAM L0001451     0.000000919      3.49      4.00      3.25
SRCPARAM L0001452     0.000000919      3.49      4.00      3.25
SRCPARAM L0001453     0.000000919      3.49      4.00      3.25
SRCPARAM L0001454     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001456     0.000000919      3.49      4.00      3.25
SRCPARAM L0001457     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001460     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001465     0.000000919      3.49      4.00      3.25
SRCPARAM L0001466     0.000000919      3.49      4.00      3.25
SRCPARAM L0001467     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001477     0.000000919      3.49      4.00      3.25
SRCPARAM L0001478     0.000000919      3.49      4.00      3.25
SRCPARAM L0001479     0.000000919      3.49      4.00      3.25
SRCPARAM L0001480     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001482     0.000000919      3.49      4.00      3.25
SRCPARAM L0001483     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001486     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001488     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001490     0.000000919      3.49      4.00      3.25
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SRCPARAM L0001492     0.000000919      3.49      4.00      3.25
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   SRCPARAM L0001493     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001494     0.000000919      3.49      4.00      3.25
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   SRCPARAM L0001496     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001497     0.000000919      3.49      4.00      3.25
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   SRCPARAM L0001502     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001503     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001504     0.000000919      3.49      4.00      3.25
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   SRCPARAM L0001507     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001508     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001509     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001510     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001511     0.000000919      3.49      4.00      3.25
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   SRCPARAM L0001513     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001514     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001515     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001516     0.000000919      3.49      4.00      3.25
   SRCPARAM L0001517     0.000000919      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0001518     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001519     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001520     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001521     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001522     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001523     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001524     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001525     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001526     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001527     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001528     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001529     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001530     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001531     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001532     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001533     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001534     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001535     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001536     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001537     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001538     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001539     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001540     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001541     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001542     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001543     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001544     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001545     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001546     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001547     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001548     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001549     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001550     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001551     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001552     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001553     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001554     0.0000002934      3.49      4.00      3.25
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   SRCPARAM L0001556     0.0000002934      3.49      4.00      3.25
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   SRCPARAM L0001557     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001558     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001559     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001560     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001561     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001562     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001563     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001564     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001565     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001566     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001567     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001568     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001569     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001570     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001571     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001572     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001573     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001574     0.0000002934      3.49      4.00      3.25
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   SRCPARAM L0001576     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001577     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001578     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001579     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001580     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001581     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001582     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001583     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001584     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001585     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001586     0.0000002934      3.49      4.00      3.25
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   SRCPARAM L0001589     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001590     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001591     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001592     0.0000002934      3.49      4.00      3.25
   SRCPARAM L0001593     0.0000002934      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE8
   SRCPARAM L0001594     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001595     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001596     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001597     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001598     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001599     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001600     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001601     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001602     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001603     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001604     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001605     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001606     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001607     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001608     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001609     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001610     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001611     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001612     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001613     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001614     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001615     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001616     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001617     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001618     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001619     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001620     0.0000002966      3.49      4.00      3.25
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   SRCPARAM L0001621     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001622     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001623     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001624     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001625     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001626     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001627     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001628     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001629     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001630     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001631     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001632     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001633     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001634     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001635     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001636     0.0000002966      3.49      4.00      3.25
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   SRCPARAM L0001638     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001639     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001640     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001641     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001642     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001643     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001644     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001645     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001646     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001647     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001648     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001649     0.0000002966      3.49      4.00      3.25
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   SRCPARAM L0001654     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001655     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001656     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001657     0.0000002966      3.49      4.00      3.25
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   SRCPARAM L0001663     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001664     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001665     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001666     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001667     0.0000002966      3.49      4.00      3.25
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   SRCPARAM L0001669     0.0000002966      3.49      4.00      3.25
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   SRCPARAM L0001671     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001672     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001673     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001674     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001675     0.0000002966      3.49      4.00      3.25
   SRCPARAM L0001676     0.0000002966      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE9
   SRCPARAM L0001677     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001678     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001679     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001680     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001681     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001682     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001683     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001684     0.0000001754      3.49      4.00      3.25
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   SRCPARAM L0001685     0.0000001754      3.49      4.00      3.25
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   SRCPARAM L0001691     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001692     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001693     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001694     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001695     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001696     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001697     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001698     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001699     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001700     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001701     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001702     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001703     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001704     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001705     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001706     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001707     0.0000001754      3.49      4.00      3.25
   SRCPARAM L0001708     0.0000001754      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE10
   SRCPARAM L0001709     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001710     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001711     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001712     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001713     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001714     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001715     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001716     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001717     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001718     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001719     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001720     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001721     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001722     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001723     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001724     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001725     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001726     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001727     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001728     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001729     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001730     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001731     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001732     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001733     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001734     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001735     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001736     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001737     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001738     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001739     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001740     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001741     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001742     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001743     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001744     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001745     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001746     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001747     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001748     0.0000001169      3.49      4.00      3.25
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   SRCPARAM L0001749     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001750     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001751     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001752     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001753     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001754     0.0000001169      3.49      4.00      3.25
   SRCPARAM L0001755     0.0000001169      3.49      4.00      3.25
** ------------------------------------------------------------------
   SRCPARAM STCK1        0.0100798304     3.550   728.550     54.78      0.13

** Building Downwash **
   BUILDHGT STCK1           18.29    18.29    18.29    18.29    18.29    18.29
   BUILDHGT STCK1           18.29    18.29    18.29    18.29    18.29    18.29
   BUILDHGT STCK1           18.29    18.29    18.29    18.29    18.29    18.29
   BUILDHGT STCK1           18.29    18.29    18.29    18.29    18.29    18.29
   BUILDHGT STCK1           18.29    18.29    18.29    18.29    18.29    18.29
   BUILDHGT STCK1           18.29    18.29    18.29    18.29    18.29    18.29

   BUILDWID STCK1          326.37   371.34   405.02   426.40   434.82   430.03
   BUILDWID STCK1          412.17   381.79   340.26   380.81   410.68   428.08
   BUILDWID STCK1          432.46   423.71   402.08   368.24   323.20   274.64
   BUILDWID STCK1          326.37   371.34   405.02   426.40   434.82   430.03
   BUILDWID STCK1          412.17   381.79   340.26   380.81   410.68   428.08
   BUILDWID STCK1          432.46   423.71   402.08   368.24   323.20   274.64

   BUILDLEN STCK1          380.81   410.68   428.08   432.46   423.71   402.08
   BUILDLEN STCK1          368.24   323.20   274.64   326.37   371.34   405.02
   BUILDLEN STCK1          426.40   434.82   430.03   412.17   381.79   340.26
   BUILDLEN STCK1          380.81   410.68   428.08   432.46   423.71   402.08
   BUILDLEN STCK1          368.24   323.20   274.64   326.37   371.34   405.02
   BUILDLEN STCK1          426.40   434.82   430.03   412.17   381.79   340.26

   XBADJ    STCK1         -369.43  -395.46  -409.48  -411.05  -400.14  -377.07
   XBADJ    STCK1         -342.54  -297.60  -244.07  -238.66  -229.16  -212.69
   XBADJ    STCK1         -189.76  -161.06  -127.47   -90.00   -49.80    -8.09
   XBADJ    STCK1          -11.38   -15.22   -18.60   -21.41   -23.57   -25.02
   XBADJ    STCK1          -25.70   -25.60   -30.57   -87.71  -142.18  -192.33
   XBADJ    STCK1         -236.64  -273.76  -302.56  -322.17  -331.99  -332.17

   YBADJ    STCK1           75.48    43.49    10.18   -23.44   -56.35   -87.55
   YBADJ    STCK1         -116.08  -141.09  -162.04  -179.02  -190.12  -195.44
   YBADJ    STCK1         -194.82  -188.28  -176.02  -158.42  -136.00  -106.75
   YBADJ    STCK1          -75.48   -43.49   -10.18    23.44    56.35    87.55
   YBADJ    STCK1          116.08   141.09   162.04   179.02   190.12   195.44
   YBADJ    STCK1          194.82   188.28   176.02   158.42   136.00   106.75

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "16568-04 Ops HRA.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\PERI_V11_trimmed.sfc
   PROFFILE ..\PERI_V11_trimmed.PFL
   SURFDATA 3171 2016
   UAIRDATA 3190 2016
   SITEDATA 60656001 2016
   PROFBASE 442.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "16568-04 OPS HRA.AD\PE00GALL.PLT" 31
   SUMMFILE "16568-04 Ops HRA.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320    1327        PPARM: Input Parameter May Be Out-of-Range for
 Parameter            VS
 ME W186    1414       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
 used           0.50
 ME W187    1414       MEOPEN: ADJ_U* Option for Stable Low Winds used in
 AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
```

```
1449   **********************************
1450
1451   FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
       Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
1452    *** AERMET - VERSION  22112 ***
        ***                                                              ***
        10:09:16
1453
                                  PAGE   1
1454   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
1455
1456                                              ***     MODEL SETUP OPTIONS SUMMARY       ***
1457   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
1458
1459   ** Model Options Selected:
1460        * Model Uses Regulatory DEFAULT Options
1461        * Model Is Setup For Calculation of Average CONCentration Values.
1462        * NO GAS DEPOSITION Data Provided.
1463        * NO PARTICLE DEPOSITION Data Provided.
1464        * Model Uses NO DRY DEPLETION. DDPLETE  =  F
1465        * Model Uses NO WET DEPLETION. WETDPLT  =  F
1466        * Stack-tip Downwash.
1467        * Model Accounts for ELEVated Terrain Effects.
1468        * Use Calms Processing Routine.
1469        * Use Missing Data Processing Routine.
1470        * No Exponential Decay.
1471        * Model Uses URBAN Dispersion Algorithm for the SBL for   550 Source(s),
1472          for Total of    1 Urban Area(s):
1473     Urban Population =   2492442.0 ;  Urban Roughness Length =  1.000 m
1474        * Urban Roughness Length of 1.0 Meter Used.
1475        * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
1476        * CCVR_Sub - Meteorological data includes CCVR substitutions
1477        * TEMP_Sub - Meteorological data includes TEMP substitutions
1478        * Model Assumes No FLAGPOLE Receptor Heights.
1479        * The User Specified a Pollutant Type of: DPM
1480
1481   **Model Calculates PERIOD Averages Only
1482
1483   **This Run Includes:    550 Source(s);       1 Source Group(s); and      26 Receptor(s)
1484
1485                  with:      1 POINT(s), including
1486                             0 POINTCAP(s) and      0 POINTHOR(s)
1487                   and:    549 VOLUME source(s)
1488                   and:      0 AREA type source(s)
1489                   and:      0 LINE source(s)
1490                   and:      0 RLINE/RLINEXT source(s)
1491                   and:      0 OPENPIT source(s)
1492                   and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
1493                   and:      0 SWPOINT source(s)
1494
1495
1496   **Model Set To Continue RUNning After the Setup Testing.
1497
1498   **The AERMET Input Meteorological Data Version Date:  22112
1499
1500   **Output Options Selected:
1501            Model Outputs Tables of PERIOD Averages by Receptor
1502            Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
1503            Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
1504
1505   **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
1506                                                                   m for Missing Hours
1507                                                                   b for Both Calm and
                                                                       Missing Hours
1508
```

```
1509    **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay Coef.
        =    0.000     ;  Rot. Angle =     0.0
1510                       Emission Units = GRAMS/SEC                           ;  Emission
                           Rate Unit Factor =   0.10000E+07
1511                       Output Units   = MICROGRAMS/M**3
1512
1513    **Approximate Storage Requirements of Model =      5.2 MB of RAM.
1514
1515    **Input Runstream File:
        aermod.inp

1516    **Output Print File:
        aermod.out

1517
1518    **Detailed Error/Message File:   16568-04 Ops
        HRA.err
1519    **File for Summary of Results:   16568-04 Ops
        HRA.sum
1520    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
1521    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        10:09:16
1522
                                    PAGE   2
1523    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
1524
1525
1526                                                *** POINT SOURCE DATA ***
1527
1528                  NUMBER EMISSION RATE                    BASE     STACK   STACK
                      STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
1529      SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.   EXIT
          VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
1530        ID          CATS.               (METERS) (METERS) (METERS) (METERS) (DEG.K)
            (M/SEC)   (METERS)                    VARY BY
1531    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1532
1533    STCK1             0   0.10080E-01  483178.5 3733370.8   436.2     3.55   728.55
        54.78     0.13    YES     YES   NO  HRDOW7
1534    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
1535    *** AERMET - VERSION  22112 ***
        ***                                                                  ***
        10:09:16
1536
                                    PAGE   3
1537    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
1538
1539
1540                                                *** VOLUME SOURCE DATA ***
1541
1542                  NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
                      INIT.   URBAN  EMISSION RATE   AIRCRAFT
1543      SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
          SZ     SOURCE  SCALAR VARY
1544        ID          CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
            (METERS)              BY
1545    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
1546
1547    L0001756          0   0.86340E-05  482944.6 3733328.3   435.6     3.49     4.00
        3.25     YES                    NO
1548    L0001757          0   0.86340E-05  482944.6 3733319.7   435.6     3.49     4.00
```

	3.25	YES		NO					
1549	L0001758		0	0.86340E-05	482944.6	3733311.1	435.7	3.49	4.00
	3.25	YES		NO					
1550	L0001759		0	0.86340E-05	482944.6	3733302.5	435.7	3.49	4.00
	3.25	YES		NO					
1551	L0001760		0	0.86340E-05	482944.5	3733294.0	435.8	3.49	4.00
	3.25	YES		NO					
1552	L0001761		0	0.86340E-05	482944.5	3733285.4	435.7	3.49	4.00
	3.25	YES		NO					
1553	L0001762		0	0.86340E-05	482944.5	3733276.8	435.7	3.49	4.00
	3.25	YES		NO					
1554	L0001763		0	0.86340E-05	482944.5	3733268.2	435.6	3.49	4.00
	3.25	YES		NO					
1555	L0001764		0	0.86340E-05	482944.5	3733259.6	435.6	3.49	4.00
	3.25	YES		NO					
1556	L0001765		0	0.86340E-05	482944.4	3733251.0	435.6	3.49	4.00
	3.25	YES		NO					
1557	L0001766		0	0.86340E-05	482944.4	3733242.4	435.6	3.49	4.00
	3.25	YES		NO					
1558	L0001767		0	0.86340E-05	482944.4	3733233.8	435.6	3.49	4.00
	3.25	YES		NO					
1559	L0001768		0	0.86340E-05	482944.4	3733225.2	435.7	3.49	4.00
	3.25	YES		NO					
1560	L0001769		0	0.86340E-05	482944.4	3733216.6	435.7	3.49	4.00
	3.25	YES		NO					
1561	L0001770		0	0.86340E-05	482944.3	3733208.1	435.7	3.49	4.00
	3.25	YES		NO					
1562	L0001771		0	0.86340E-05	482944.3	3733199.5	435.7	3.49	4.00
	3.25	YES		NO					
1563	L0001772		0	0.86340E-05	482944.3	3733190.9	435.7	3.49	4.00
	3.25	YES		NO					
1564	L0001773		0	0.86340E-05	482944.3	3733182.3	435.6	3.49	4.00
	3.25	YES		NO					
1565	L0001774		0	0.86340E-05	482944.3	3733173.7	435.6	3.49	4.00
	3.25	YES		NO					
1566	L0001775		0	0.86340E-05	482944.3	3733165.1	435.6	3.49	4.00
	3.25	YES		NO					
1567	L0001776		0	0.86340E-05	482944.2	3733156.5	435.6	3.49	4.00
	3.25	YES		NO					
1568	L0001777		0	0.86340E-05	482944.2	3733147.9	435.6	3.49	4.00
	3.25	YES		NO					
1569	L0001778		0	0.86340E-05	482944.2	3733139.3	435.7	3.49	4.00
	3.25	YES		NO					
1570	L0001779		0	0.86340E-05	482944.2	3733130.7	435.7	3.49	4.00
	3.25	YES		NO					
1571	L0001780		0	0.86340E-05	482944.2	3733122.2	435.7	3.49	4.00
	3.25	YES		NO					
1572	L0001781		0	0.86340E-05	482944.1	3733113.6	435.7	3.49	4.00
	3.25	YES		NO					
1573	L0001782		0	0.86340E-05	482944.1	3733105.0	435.7	3.49	4.00
	3.25	YES		NO					
1574	L0001783		0	0.86340E-05	482944.1	3733096.4	435.7	3.49	4.00
	3.25	YES		NO					
1575	L0001784		0	0.86340E-05	482944.1	3733087.8	435.8	3.49	4.00
	3.25	YES		NO					
1576	L0001785		0	0.86340E-05	483193.8	3733326.7	436.2	3.49	4.00
	3.25	YES		NO					
1577	L0001786		0	0.86340E-05	483193.8	3733318.1	436.3	3.49	4.00
	3.25	YES		NO					
1578	L0001787		0	0.86340E-05	483193.8	3733309.5	436.3	3.49	4.00
	3.25	YES		NO					
1579	L0001788		0	0.86340E-05	483193.9	3733300.9	436.4	3.49	4.00
	3.25	YES		NO					
1580	L0001789		0	0.86340E-05	483193.9	3733292.3	436.4	3.49	4.00
	3.25	YES		NO					
1581	L0001790		0	0.86340E-05	483194.0	3733283.7	436.5	3.49	4.00

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      3.25     YES                    NO
1582  L0001791         0   0.86340E-05  483194.0 3733275.1   436.6     3.49     4.00
      3.25     YES                    NO
1583  L0001792         0   0.86340E-05  483194.0 3733266.5   436.7     3.49     4.00
      3.25     YES                    NO
1584  L0001793         0   0.86340E-05  483194.1 3733257.9   436.8     3.49     4.00
      3.25     YES                    NO
1585  L0001794         0   0.86340E-05  483194.1 3733249.4   436.8     3.49     4.00
      3.25     YES                    NO
1586  L0001795         0   0.86340E-05  483194.1 3733240.8   436.8     3.49     4.00
      3.25     YES                    NO
1587  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
1588   *** AERMET - VERSION  22112 ***
       ***                                                          ***
       10:09:16
1589
                                  PAGE   4
1590   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
1591
1592
1593                                                  *** VOLUME SOURCE DATA ***
1594
1595                 NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                     INIT.   URBAN  EMISSION RATE   AIRCRAFT
1596       SOURCE     PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
           SZ     SOURCE  SCALAR VARY
1597         ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
             (METERS)              BY
1598   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - -
1599
1600  L0001796         0   0.86340E-05  483194.2 3733232.2   436.9     3.49     4.00
      3.25     YES                    NO
1601  L0001797         0   0.86340E-05  483194.2 3733223.6   436.9     3.49     4.00
      3.25     YES                    NO
1602  L0001798         0   0.86340E-05  483194.3 3733215.0   436.9     3.49     4.00
      3.25     YES                    NO
1603  L0001799         0   0.86340E-05  483194.3 3733206.4   436.9     3.49     4.00
      3.25     YES                    NO
1604  L0001800         0   0.86340E-05  483194.3 3733197.8   436.9     3.49     4.00
      3.25     YES                    NO
1605  L0001801         0   0.86340E-05  483194.4 3733189.2   436.8     3.49     4.00
      3.25     YES                    NO
1606  L0001802         0   0.86340E-05  483194.4 3733180.6   436.7     3.49     4.00
      3.25     YES                    NO
1607  L0001803         0   0.86340E-05  483194.5 3733172.0   436.7     3.49     4.00
      3.25     YES                    NO
1608  L0001804         0   0.86340E-05  483194.5 3733163.5   436.6     3.49     4.00
      3.25     YES                    NO
1609  L0001805         0   0.86340E-05  483194.5 3733154.9   436.4     3.49     4.00
      3.25     YES                    NO
1610  L0001806         0   0.86340E-05  483194.6 3733146.3   436.3     3.49     4.00
      3.25     YES                    NO
1611  L0001807         0   0.86340E-05  483194.6 3733137.7   436.2     3.49     4.00
      3.25     YES                    NO
1612  L0001808         0   0.86340E-05  483194.6 3733129.1   436.2     3.49     4.00
      3.25     YES                    NO
1613  L0001809         0   0.86340E-05  483194.7 3733120.5   436.2     3.49     4.00
      3.25     YES                    NO
1614  L0001810         0   0.86340E-05  483194.7 3733111.9   436.2     3.49     4.00
      3.25     YES                    NO
1615  L0001811         0   0.86340E-05  483194.8 3733103.3   436.2     3.49     4.00
      3.25     YES                    NO
1616  L0001812         0   0.86340E-05  483194.8 3733094.7   436.2     3.49     4.00
      3.25     YES                    NO
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1617    L0001813         0   0.86340E-05  483194.8 3733086.1   436.2     3.49     4.00
        3.25     YES                   NO
1618    L0001265         0   0.58170E-06  482901.9 3733335.8   435.4     3.49     4.00
        3.25     YES                   NO
1619    L0001266         0   0.58170E-06  482901.9 3733327.2   435.4     3.49     4.00
        3.25     YES                   NO
1620    L0001267         0   0.58170E-06  482901.9 3733318.6   435.4     3.49     4.00
        3.25     YES                   NO
1621    L0001268         0   0.58170E-06  482901.9 3733310.0   435.5     3.49     4.00
        3.25     YES                   NO
1622    L0001269         0   0.58170E-06  482901.9 3733301.4   435.5     3.49     4.00
        3.25     YES                   NO
1623    L0001270         0   0.58170E-06  482902.0 3733292.8   435.5     3.49     4.00
        3.25     YES                   NO
1624    L0001271         0   0.58170E-06  482902.0 3733284.2   435.5     3.49     4.00
        3.25     YES                   NO
1625    L0001272         0   0.58170E-06  482902.0 3733275.6   435.4     3.49     4.00
        3.25     YES                   NO
1626    L0001273         0   0.58170E-06  482902.0 3733267.0   435.4     3.49     4.00
        3.25     YES                   NO
1627    L0001274         0   0.58170E-06  482902.0 3733258.5   435.4     3.49     4.00
        3.25     YES                   NO
1628    L0001275         0   0.58170E-06  482902.1 3733249.9   435.4     3.49     4.00
        3.25     YES                   NO
1629    L0001276         0   0.58170E-06  482902.1 3733241.3   435.4     3.49     4.00
        3.25     YES                   NO
1630    L0001277         0   0.58170E-06  482902.1 3733232.7   435.3     3.49     4.00
        3.25     YES                   NO
1631    L0001278         0   0.58170E-06  482902.1 3733224.1   435.4     3.49     4.00
        3.25     YES                   NO
1632    L0001279         0   0.58170E-06  482902.1 3733215.5   435.4     3.49     4.00
        3.25     YES                   NO
1633    L0001280         0   0.58170E-06  482902.1 3733206.9   435.4     3.49     4.00
        3.25     YES                   NO
1634    L0001281         0   0.58170E-06  482902.2 3733198.3   435.4     3.49     4.00
        3.25     YES                   NO
1635    L0001282         0   0.58170E-06  482902.2 3733189.7   435.4     3.49     4.00
        3.25     YES                   NO
1636    L0001283         0   0.58170E-06  482902.2 3733181.1   435.4     3.49     4.00
        3.25     YES                   NO
1637    L0001284         0   0.58170E-06  482902.2 3733172.6   435.4     3.49     4.00
        3.25     YES                   NO
1638    L0001285         0   0.58170E-06  482902.2 3733164.0   435.4     3.49     4.00
        3.25     YES                   NO
1639    L0001286         0   0.58170E-06  482902.3 3733155.4   435.4     3.49     4.00
        3.25     YES                   NO
1640    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
1641     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         10:09:16
1642
                                    PAGE   5
1643     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
1644
1645
1646                                                  *** VOLUME SOURCE DATA ***
1647
1648                  NUMBER EMISSION RATE                       BASE    RELEASE    INIT.
                      INIT.   URBAN  EMISSION RATE   AIRCRAFT
1649       SOURCE      PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
           SZ     SOURCE  SCALAR VARY
1650         ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
             (METERS)              BY
1651    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - -
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1652
1653    L0001287          0   0.58170E-06  482902.3 3733146.8   435.4     3.49     4.00
        3.25     YES                  NO
1654    L0001288          0   0.58170E-06  482902.3 3733138.2   435.4     3.49     4.00
        3.25     YES                  NO
1655    L0001289          0   0.58170E-06  482902.3 3733129.6   435.4     3.49     4.00
        3.25     YES                  NO
1656    L0001290          0   0.58170E-06  482902.3 3733121.0   435.5     3.49     4.00
        3.25     YES                  NO
1657    L0001291          0   0.58170E-06  482902.3 3733112.4   435.5     3.49     4.00
        3.25     YES                  NO
1658    L0001292          0   0.58170E-06  482902.4 3733103.8   435.5     3.49     4.00
        3.25     YES                  NO
1659    L0001293          0   0.58170E-06  482902.4 3733095.2   435.5     3.49     4.00
        3.25     YES                  NO
1660    L0001294          0   0.58170E-06  482902.4 3733086.7   435.5     3.49     4.00
        3.25     YES                  NO
1661    L0001295          0   0.58170E-06  483234.6 3733334.1   436.4     3.49     4.00
        3.25     YES                  NO
1662    L0001296          0   0.58170E-06  483234.6 3733325.5   436.4     3.49     4.00
        3.25     YES                  NO
1663    L0001297          0   0.58170E-06  483234.6 3733316.9   436.5     3.49     4.00
        3.25     YES                  NO
1664    L0001298          0   0.58170E-06  483234.6 3733308.3   436.6     3.49     4.00
        3.25     YES                  NO
1665    L0001299          0   0.58170E-06  483234.6 3733299.8   436.7     3.49     4.00
        3.25     YES                  NO
1666    L0001300          0   0.58170E-06  483234.7 3733291.2   436.8     3.49     4.00
        3.25     YES                  NO
1667    L0001301          0   0.58170E-06  483234.7 3733282.6   436.8     3.49     4.00
        3.25     YES                  NO
1668    L0001302          0   0.58170E-06  483234.7 3733274.0   436.8     3.49     4.00
        3.25     YES                  NO
1669    L0001303          0   0.58170E-06  483234.7 3733265.4   436.8     3.49     4.00
        3.25     YES                  NO
1670    L0001304          0   0.58170E-06  483234.7 3733256.8   436.8     3.49     4.00
        3.25     YES                  NO
1671    L0001305          0   0.58170E-06  483234.8 3733248.2   436.8     3.49     4.00
        3.25     YES                  NO
1672    L0001306          0   0.58170E-06  483234.8 3733239.6   436.8     3.49     4.00
        3.25     YES                  NO
1673    L0001307          0   0.58170E-06  483234.8 3733231.0   436.8     3.49     4.00
        3.25     YES                  NO
1674    L0001308          0   0.58170E-06  483234.8 3733222.4   436.8     3.49     4.00
        3.25     YES                  NO
1675    L0001309          0   0.58170E-06  483234.8 3733213.9   436.8     3.49     4.00
        3.25     YES                  NO
1676    L0001310          0   0.58170E-06  483234.8 3733205.3   436.8     3.49     4.00
        3.25     YES                  NO
1677    L0001311          0   0.58170E-06  483234.9 3733196.7   436.7     3.49     4.00
        3.25     YES                  NO
1678    L0001312          0   0.58170E-06  483234.9 3733188.1   436.7     3.49     4.00
        3.25     YES                  NO
1679    L0001313          0   0.58170E-06  483234.9 3733179.5   436.6     3.49     4.00
        3.25     YES                  NO
1680    L0001314          0   0.58170E-06  483234.9 3733170.9   436.6     3.49     4.00
        3.25     YES                  NO
1681    L0001315          0   0.58170E-06  483234.9 3733162.3   436.5     3.49     4.00
        3.25     YES                  NO
1682    L0001316          0   0.58170E-06  483235.0 3733153.7   436.4     3.49     4.00
        3.25     YES                  NO
1683    L0001317          0   0.58170E-06  483235.0 3733145.1   436.3     3.49     4.00
        3.25     YES                  NO
1684    L0001318          0   0.58170E-06  483235.0 3733136.5   436.3     3.49     4.00
        3.25     YES                  NO
1685    L0001319          0   0.58170E-06  483235.0 3733128.0   436.3     3.49     4.00
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      3.25     YES                    NO
1686  L0001320         0   0.58170E-06  483235.0 3733119.4   436.3     3.49     4.00
      3.25     YES                    NO
1687  L0001321         0   0.58170E-06  483235.0 3733110.8   436.3     3.49     4.00
      3.25     YES                    NO
1688  L0001322         0   0.58170E-06  483235.1 3733102.2   436.3     3.49     4.00
      3.25     YES                    NO
1689  L0001323         0   0.58170E-06  483235.1 3733093.6   436.3     3.49     4.00
      3.25     YES                    NO
1690  L0001324         0   0.58170E-06  483235.1 3733085.0   436.3     3.49     4.00
      3.25     YES                    NO
1691  L0001325         0   0.58170E-06  483253.6 3733334.4   436.5     3.49     4.00
      3.25     YES                    NO
1692  L0001326         0   0.58170E-06  483253.6 3733325.8   436.5     3.49     4.00
      3.25     YES                    NO
1693  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
1694   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       10:09:16
1695
                                  PAGE   6
1696   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
1697
1698
1699                                                  *** VOLUME SOURCE DATA ***
1700
1701                 NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
                     INIT.   URBAN  EMISSION RATE   AIRCRAFT
1702       SOURCE     PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
           SZ     SOURCE  SCALAR VARY
1703         ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
             (METERS)              BY
1704  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - -
1705
1706  L0001327         0   0.58170E-06  483253.5 3733317.2   436.6     3.49     4.00
      3.25     YES                    NO
1707  L0001328         0   0.58170E-06  483253.5 3733308.6   436.7     3.49     4.00
      3.25     YES                    NO
1708  L0001329         0   0.58170E-06  483253.5 3733300.0   436.8     3.49     4.00
      3.25     YES                    NO
1709  L0001330         0   0.58170E-06  483253.5 3733291.4   436.8     3.49     4.00
      3.25     YES                    NO
1710  L0001331         0   0.58170E-06  483253.4 3733282.8   436.8     3.49     4.00
      3.25     YES                    NO
1711  L0001332         0   0.58170E-06  483253.4 3733274.3   436.8     3.49     4.00
      3.25     YES                    NO
1712  L0001333         0   0.58170E-06  483253.4 3733265.7   436.7     3.49     4.00
      3.25     YES                    NO
1713  L0001334         0   0.58170E-06  483253.3 3733257.1   436.7     3.49     4.00
      3.25     YES                    NO
1714  L0001335         0   0.58170E-06  483253.3 3733248.5   436.7     3.49     4.00
      3.25     YES                    NO
1715  L0001336         0   0.58170E-06  483253.3 3733239.9   436.7     3.49     4.00
      3.25     YES                    NO
1716  L0001337         0   0.58170E-06  483253.3 3733231.3   436.7     3.49     4.00
      3.25     YES                    NO
1717  L0001338         0   0.58170E-06  483253.2 3733222.7   436.8     3.49     4.00
      3.25     YES                    NO
1718  L0001339         0   0.58170E-06  483253.2 3733214.1   436.8     3.49     4.00
      3.25     YES                    NO
1719  L0001340         0   0.58170E-06  483253.2 3733205.5   436.8     3.49     4.00
      3.25     YES                    NO
1720  L0001341         0   0.58170E-06  483253.2 3733196.9   436.8     3.49     4.00
      3.25     YES                    NO
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1721    L0001342         0   0.58170E-06  483253.1 3733188.4   436.7     3.49     4.00
        3.25     YES                   NO
1722    L0001343         0   0.58170E-06  483253.1 3733179.8   436.6     3.49     4.00
        3.25     YES                   NO
1723    L0001344         0   0.58170E-06  483253.1 3733171.2   436.6     3.49     4.00
        3.25     YES                   NO
1724    L0001345         0   0.58170E-06  483253.0 3733162.6   436.5     3.49     4.00
        3.25     YES                   NO
1725    L0001346         0   0.58170E-06  483253.0 3733154.0   436.5     3.49     4.00
        3.25     YES                   NO
1726    L0001347         0   0.58170E-06  483253.0 3733145.4   436.4     3.49     4.00
        3.25     YES                   NO
1727    L0001348         0   0.58170E-06  483253.0 3733136.8   436.4     3.49     4.00
        3.25     YES                   NO
1728    L0001349         0   0.58170E-06  483252.9 3733128.2   436.4     3.49     4.00
        3.25     YES                   NO
1729    L0001350         0   0.58170E-06  483252.9 3733119.6   436.4     3.49     4.00
        3.25     YES                   NO
1730    L0001351         0   0.58170E-06  483252.9 3733111.0   436.4     3.49     4.00
        3.25     YES                   NO
1731    L0001352         0   0.58170E-06  483252.9 3733102.5   436.4     3.49     4.00
        3.25     YES                   NO
1732    L0001353         0   0.58170E-06  483252.8 3733093.9   436.4     3.49     4.00
        3.25     YES                   NO
1733    L0001354         0   0.58170E-06  483252.8 3733085.3   436.4     3.49     4.00
        3.25     YES                   NO
1734    L0001355         0   0.91900E-06  483266.4 3733391.8   436.5     3.49     4.00
        3.25     YES                   NO
1735    L0001356         0   0.91900E-06  483257.8 3733391.6   436.5     3.49     4.00
        3.25     YES                   NO
1736    L0001357         0   0.91900E-06  483249.2 3733391.4   436.5     3.49     4.00
        3.25     YES                   NO
1737    L0001358         0   0.91900E-06  483240.6 3733391.3   436.5     3.49     4.00
        3.25     YES                   NO
1738    L0001359         0   0.91900E-06  483232.0 3733391.1   436.5     3.49     4.00
        3.25     YES                   NO
1739    L0001360         0   0.91900E-06  483224.0 3733393.6   436.4     3.49     4.00
        3.25     YES                   NO
1740    L0001361         0   0.91900E-06  483216.1 3733397.0   436.4     3.49     4.00
        3.25     YES                   NO
1741    L0001362         0   0.91900E-06  483208.3 3733400.5   436.4     3.49     4.00
        3.25     YES                   NO
1742    L0001363         0   0.91900E-06  483200.1 3733402.7   436.4     3.49     4.00
        3.25     YES                   NO
1743    L0001364         0   0.91900E-06  483191.6 3733402.8   436.4     3.49     4.00
        3.25     YES                   NO
1744    L0001365         0   0.91900E-06  483183.0 3733402.9   436.4     3.49     4.00
        3.25     YES                   NO
1745    L0001366         0   0.91900E-06  483174.4 3733402.9   436.4     3.49     4.00
        3.25     YES                   NO
1746    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
1747     *** AERMET - VERSION  22112 ***
         ***                                                                  ***
         10:09:16
1748
                                    PAGE   7
1749    *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
1750
1751
1752                                                  *** VOLUME SOURCE DATA ***
1753
1754                  NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                      INIT.   URBAN  EMISSION RATE   AIRCRAFT
1755      SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
          SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0001367	0	0.91900E-06	483165.8	3733403.0	436.4	3.49	4.00	3.25	YES	NO
L0001368	0	0.91900E-06	483157.2	3733403.1	436.4	3.49	4.00	3.25	YES	NO
L0001369	0	0.91900E-06	483148.6	3733403.2	436.3	3.49	4.00	3.25	YES	NO
L0001370	0	0.91900E-06	483140.0	3733403.2	436.3	3.49	4.00	3.25	YES	NO
L0001371	0	0.91900E-06	483131.4	3733403.3	436.2	3.49	4.00	3.25	YES	NO
L0001372	0	0.91900E-06	483122.8	3733403.4	436.1	3.49	4.00	3.25	YES	NO
L0001373	0	0.91900E-06	483114.2	3733403.4	436.0	3.49	4.00	3.25	YES	NO
L0001374	0	0.91900E-06	483105.7	3733403.5	435.9	3.49	4.00	3.25	YES	NO
L0001375	0	0.91900E-06	483097.1	3733403.6	435.9	3.49	4.00	3.25	YES	NO
L0001376	0	0.91900E-06	483088.5	3733403.7	435.9	3.49	4.00	3.25	YES	NO
L0001377	0	0.91900E-06	483079.9	3733403.7	435.9	3.49	4.00	3.25	YES	NO
L0001378	0	0.91900E-06	483071.3	3733403.8	435.8	3.49	4.00	3.25	YES	NO
L0001379	0	0.91900E-06	483062.7	3733403.9	435.8	3.49	4.00	3.25	YES	NO
L0001380	0	0.91900E-06	483054.1	3733403.9	435.8	3.49	4.00	3.25	YES	NO
L0001381	0	0.91900E-06	483045.5	3733404.0	435.7	3.49	4.00	3.25	YES	NO
L0001382	0	0.91900E-06	483036.9	3733404.1	435.7	3.49	4.00	3.25	YES	NO
L0001383	0	0.91900E-06	483028.3	3733404.1	435.7	3.49	4.00	3.25	YES	NO
L0001384	0	0.91900E-06	483019.8	3733404.2	435.7	3.49	4.00	3.25	YES	NO
L0001385	0	0.91900E-06	483011.2	3733404.3	435.6	3.49	4.00	3.25	YES	NO
L0001386	0	0.91900E-06	483002.6	3733404.4	435.6	3.49	4.00	3.25	YES	NO
L0001387	0	0.91900E-06	482994.0	3733404.4	435.6	3.49	4.00	3.25	YES	NO
L0001388	0	0.91900E-06	482985.4	3733404.5	435.6	3.49	4.00	3.25	YES	NO
L0001389	0	0.91900E-06	482976.8	3733404.6	435.6	3.49	4.00	3.25	YES	NO
L0001390	0	0.91900E-06	482968.2	3733404.6	435.5	3.49	4.00	3.25	YES	NO
L0001391	0	0.91900E-06	482959.6	3733404.7	435.5	3.49	4.00	3.25	YES	NO
L0001392	0	0.91900E-06	482951.0	3733404.8	435.5	3.49	4.00	3.25	YES	NO
L0001393	0	0.91900E-06	482942.5	3733404.9	435.5	3.49	4.00	3.25	YES	NO
L0001394	0	0.91900E-06	482933.9	3733404.9	435.5	3.49	4.00	3.25	YES	NO
L0001395	0	0.91900E-06	482926.9	3733401.4	435.5	3.49	4.00	3.25	YES	NO
L0001396	0	0.91900E-06	482921.9	3733394.6	435.5	3.49	4.00	3.25	YES	NO
L0001397	0	0.91900E-06	482921.9	3733386.1	435.5	3.49	4.00			

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      3.25     YES                    NO
1790  L0001398         0   0.91900E-06  482921.9 3733377.5   435.5     3.49     4.00
      3.25     YES                    NO
1791  L0001399         0   0.91900E-06  482922.0 3733368.9   435.5     3.49     4.00
      3.25     YES                    NO
1792  L0001400         0   0.91900E-06  482922.0 3733360.3   435.5     3.49     4.00
      3.25     YES                    NO
1793  L0001401         0   0.91900E-06  482922.0 3733351.7   435.5     3.49     4.00
      3.25     YES                    NO
1794  L0001402         0   0.91900E-06  482922.0 3733343.1   435.5     3.49     4.00
      3.25     YES                    NO
1795  L0001403         0   0.91900E-06  482922.0 3733334.5   435.5     3.49     4.00
      3.25     YES                    NO
1796  L0001404         0   0.91900E-06  482922.1 3733325.9   435.5     3.49     4.00
      3.25     YES                    NO
1797  L0001405         0   0.91900E-06  482922.1 3733317.3   435.6     3.49     4.00
      3.25     YES                    NO
1798  L0001406         0   0.91900E-06  482922.1 3733308.7   435.6     3.49     4.00
      3.25     YES                    NO
1799  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
1800   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       10:09:16
1801
                                  PAGE   8
1802  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
1803
1804
1805                                                  *** VOLUME SOURCE DATA ***
1806
1807                  NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                      INIT.   URBAN  EMISSION RATE   AIRCRAFT
1808    SOURCE         PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
        SZ     SOURCE  SCALAR VARY
1809      ID           CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
          (METERS)              BY
1810  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - -
1811
1812  L0001407         0   0.91900E-06  482922.1 3733300.2   435.7     3.49     4.00
      3.25     YES                    NO
1813  L0001408         0   0.91900E-06  482922.1 3733291.6   435.6     3.49     4.00
      3.25     YES                    NO
1814  L0001409         0   0.91900E-06  482922.2 3733283.0   435.6     3.49     4.00
      3.25     YES                    NO
1815  L0001410         0   0.91900E-06  482922.2 3733274.4   435.6     3.49     4.00
      3.25     YES                    NO
1816  L0001411         0   0.91900E-06  482922.2 3733265.8   435.5     3.49     4.00
      3.25     YES                    NO
1817  L0001412         0   0.91900E-06  482922.2 3733257.2   435.5     3.49     4.00
      3.25     YES                    NO
1818  L0001413         0   0.91900E-06  482922.3 3733248.6   435.5     3.49     4.00
      3.25     YES                    NO
1819  L0001414         0   0.91900E-06  482922.3 3733240.0   435.5     3.49     4.00
      3.25     YES                    NO
1820  L0001415         0   0.91900E-06  482922.3 3733231.4   435.5     3.49     4.00
      3.25     YES                    NO
1821  L0001416         0   0.91900E-06  482922.3 3733222.8   435.6     3.49     4.00
      3.25     YES                    NO
1822  L0001417         0   0.91900E-06  482922.3 3733214.3   435.6     3.49     4.00
      3.25     YES                    NO
1823  L0001418         0   0.91900E-06  482922.4 3733205.7   435.6     3.49     4.00
      3.25     YES                    NO
1824  L0001419         0   0.91900E-06  482922.4 3733197.1   435.6     3.49     4.00
      3.25     YES                    NO
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1825    L0001420         0   0.91900E-06  482922.4 3733188.5   435.6     3.49     4.00
        3.25     YES                   NO
1826    L0001421         0   0.91900E-06  482922.4 3733179.9   435.5     3.49     4.00
        3.25     YES                   NO
1827    L0001422         0   0.91900E-06  482922.4 3733171.3   435.5     3.49     4.00
        3.25     YES                   NO
1828    L0001423         0   0.91900E-06  482922.5 3733162.7   435.5     3.49     4.00
        3.25     YES                   NO
1829    L0001424         0   0.91900E-06  482922.5 3733154.1   435.6     3.49     4.00
        3.25     YES                   NO
1830    L0001425         0   0.91900E-06  482922.5 3733145.5   435.6     3.49     4.00
        3.25     YES                   NO
1831    L0001426         0   0.91900E-06  482922.5 3733136.9   435.6     3.49     4.00
        3.25     YES                   NO
1832    L0001427         0   0.91900E-06  482922.5 3733128.4   435.6     3.49     4.00
        3.25     YES                   NO
1833    L0001428         0   0.91900E-06  482922.6 3733119.8   435.6     3.49     4.00
        3.25     YES                   NO
1834    L0001429         0   0.91900E-06  482922.6 3733111.2   435.6     3.49     4.00
        3.25     YES                   NO
1835    L0001430         0   0.91900E-06  482922.6 3733102.6   435.7     3.49     4.00
        3.25     YES                   NO
1836    L0001431         0   0.91900E-06  482922.6 3733094.0   435.7     3.49     4.00
        3.25     YES                   NO
1837    L0001432         0   0.91900E-06  482922.7 3733085.4   435.7     3.49     4.00
        3.25     YES                   NO
1838    L0001433         0   0.91900E-06  482922.7 3733076.8   435.7     3.49     4.00
        3.25     YES                   NO
1839    L0001434         0   0.91900E-06  482922.7 3733068.2   435.7     3.49     4.00
        3.25     YES                   NO
1840    L0001435         0   0.91900E-06  482922.7 3733059.6   435.7     3.49     4.00
        3.25     YES                   NO
1841    L0001436         0   0.91900E-06  482922.7 3733051.0   435.7     3.49     4.00
        3.25     YES                   NO
1842    L0001437         0   0.91900E-06  482922.8 3733042.5   435.7     3.49     4.00
        3.25     YES                   NO
1843    L0001438         0   0.91900E-06  482922.8 3733033.9   435.7     3.49     4.00
        3.25     YES                   NO
1844    L0001439         0   0.91900E-06  482924.6 3733026.0   435.7     3.49     4.00
        3.25     YES                   NO
1845    L0001440         0   0.91900E-06  482930.7 3733020.0   435.7     3.49     4.00
        3.25     YES                   NO
1846    L0001441         0   0.91900E-06  482936.8 3733013.9   435.6     3.49     4.00
        3.25     YES                   NO
1847    L0001442         0   0.91900E-06  482945.2 3733013.4   435.6     3.49     4.00
        3.25     YES                   NO
1848    L0001443         0   0.91900E-06  482953.8 3733013.3   435.6     3.49     4.00
        3.25     YES                   NO
1849    L0001444         0   0.91900E-06  482962.4 3733013.2   435.6     3.49     4.00
        3.25     YES                   NO
1850    L0001445         0   0.91900E-06  482970.9 3733013.1   435.7     3.49     4.00
        3.25     YES                   NO
1851    L0001446         0   0.91900E-06  482979.5 3733013.0   435.7     3.49     4.00
        3.25     YES                   NO
1852    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
1853     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         10:09:16
1854
                                    PAGE   9
1855     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
1856
1857
1858                                                  *** VOLUME SOURCE DATA ***
1859
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SOURCE ID	NUMBER INIT. PART. CATS.	EMISSION RATE (GRAMS/SEC)	URBAN SOURCE	SCALAR VARY BY	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	BASE HEIGHT (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ
L0001447	0	0.91900E-06	YES	NO	482988.1	3733012.9	435.7	3.49	4.00	3.25	
L0001448	0	0.91900E-06	YES	NO	482996.7	3733012.8	435.7	3.49	4.00	3.25	
L0001449	0	0.91900E-06	YES	NO	483005.3	3733012.6	435.7	3.49	4.00	3.25	
L0001450	0	0.91900E-06	YES	NO	483013.9	3733012.5	435.7	3.49	4.00	3.25	
L0001451	0	0.91900E-06	YES	NO	483022.5	3733012.4	435.8	3.49	4.00	3.25	
L0001452	0	0.91900E-06	YES	NO	483031.1	3733012.3	435.8	3.49	4.00	3.25	
L0001453	0	0.91900E-06	YES	NO	483039.7	3733012.2	435.8	3.49	4.00	3.25	
L0001454	0	0.91900E-06	YES	NO	483048.3	3733012.1	435.8	3.49	4.00	3.25	
L0001455	0	0.91900E-06	YES	NO	483056.8	3733012.0	435.8	3.49	4.00	3.25	
L0001456	0	0.91900E-06	YES	NO	483065.4	3733011.9	435.8	3.49	4.00	3.25	
L0001457	0	0.91900E-06	YES	NO	483074.0	3733011.8	435.8	3.49	4.00	3.25	
L0001458	0	0.91900E-06	YES	NO	483082.6	3733011.7	435.9	3.49	4.00	3.25	
L0001459	0	0.91900E-06	YES	NO	483091.2	3733011.6	435.9	3.49	4.00	3.25	
L0001460	0	0.91900E-06	YES	NO	483099.8	3733011.5	435.9	3.49	4.00	3.25	
L0001461	0	0.91900E-06	YES	NO	483108.4	3733011.4	435.9	3.49	4.00	3.25	
L0001462	0	0.91900E-06	YES	NO	483117.0	3733011.3	435.9	3.49	4.00	3.25	
L0001463	0	0.91900E-06	YES	NO	483125.6	3733011.2	435.9	3.49	4.00	3.25	
L0001464	0	0.91900E-06	YES	NO	483134.1	3733011.1	435.9	3.49	4.00	3.25	
L0001465	0	0.91900E-06	YES	NO	483142.7	3733011.0	436.0	3.49	4.00	3.25	
L0001466	0	0.91900E-06	YES	NO	483151.3	3733010.9	436.0	3.49	4.00	3.25	
L0001467	0	0.91900E-06	YES	NO	483159.9	3733010.8	436.0	3.49	4.00	3.25	
L0001468	0	0.91900E-06	YES	NO	483168.5	3733010.7	436.0	3.49	4.00	3.25	
L0001469	0	0.91900E-06	YES	NO	483177.1	3733010.6	436.0	3.49	4.00	3.25	
L0001470	0	0.91900E-06	YES	NO	483185.7	3733010.5	436.0	3.49	4.00	3.25	
L0001471	0	0.91900E-06	YES	NO	483194.3	3733010.4	436.1	3.49	4.00	3.25	
L0001472	0	0.91900E-06	YES	NO	483202.2	3733012.3	436.1	3.49	4.00	3.25	
L0001473	0	0.91900E-06	YES	NO	483209.0	3733017.5	436.2	3.49	4.00	3.25	
L0001474	0	0.91900E-06	YES	NO	483215.8	3733022.7	436.3	3.49	4.00	3.25	
L0001475	0	0.91900E-06	YES	NO	483219.0	3733029.7	436.3	3.49	4.00		

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      3.25     YES                    NO
1894  L0001476         0   0.91900E-06  483219.0 3733038.3   436.3     3.49     4.00
      3.25     YES                    NO
1895  L0001477         0   0.91900E-06  483218.9 3733046.9   436.3     3.49     4.00
      3.25     YES                    NO
1896  L0001478         0   0.91900E-06  483218.9 3733055.5   436.3     3.49     4.00
      3.25     YES                    NO
1897  L0001479         0   0.91900E-06  483218.9 3733064.1   436.3     3.49     4.00
      3.25     YES                    NO
1898  L0001480         0   0.91900E-06  483218.9 3733072.7   436.2     3.49     4.00
      3.25     YES                    NO
1899  L0001481         0   0.91900E-06  483218.9 3733081.3   436.2     3.49     4.00
      3.25     YES                    NO
1900  L0001482         0   0.91900E-06  483218.8 3733089.9   436.2     3.49     4.00
      3.25     YES                    NO
1901  L0001483         0   0.91900E-06  483218.8 3733098.5   436.2     3.49     4.00
      3.25     YES                    NO
1902  L0001484         0   0.91900E-06  483218.8 3733107.1   436.2     3.49     4.00
      3.25     YES                    NO
1903  L0001485         0   0.91900E-06  483218.8 3733115.6   436.2     3.49     4.00
      3.25     YES                    NO
1904  L0001486         0   0.91900E-06  483218.8 3733124.2   436.3     3.49     4.00
      3.25     YES                    NO
1905  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
1906   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       10:09:16
1907
                                PAGE  10
1908   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
1909
1910
1911                                                  *** VOLUME SOURCE DATA ***
1912
1913                  NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                      INIT.   URBAN  EMISSION RATE   AIRCRAFT
1914        SOURCE     PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
            SZ     SOURCE  SCALAR VARY
1915          ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
              (METERS)              BY
1916  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - -
1917
1918  L0001487         0   0.91900E-06  483218.7 3733132.8   436.3     3.49     4.00
      3.25     YES                    NO
1919  L0001488         0   0.91900E-06  483218.7 3733141.4   436.3     3.49     4.00
      3.25     YES                    NO
1920  L0001489         0   0.91900E-06  483218.7 3733150.0   436.4     3.49     4.00
      3.25     YES                    NO
1921  L0001490         0   0.91900E-06  483218.7 3733158.6   436.4     3.49     4.00
      3.25     YES                    NO
1922  L0001491         0   0.91900E-06  483218.7 3733167.2   436.5     3.49     4.00
      3.25     YES                    NO
1923  L0001492         0   0.91900E-06  483218.6 3733175.8   436.6     3.49     4.00
      3.25     YES                    NO
1924  L0001493         0   0.91900E-06  483218.6 3733184.4   436.7     3.49     4.00
      3.25     YES                    NO
1925  L0001494         0   0.91900E-06  483218.6 3733193.0   436.7     3.49     4.00
      3.25     YES                    NO
1926  L0001495         0   0.91900E-06  483218.6 3733201.5   436.7     3.49     4.00
      3.25     YES                    NO
1927  L0001496         0   0.91900E-06  483218.5 3733210.1   436.8     3.49     4.00
      3.25     YES                    NO
1928  L0001497         0   0.91900E-06  483218.5 3733218.7   436.8     3.49     4.00
      3.25     YES                    NO
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1929    L0001498         0   0.91900E-06  483218.5 3733227.3   436.8     3.49     4.00
        3.25     YES                   NO
1930    L0001499         0   0.91900E-06  483218.5 3733235.9   436.8     3.49     4.00
        3.25     YES                   NO
1931    L0001500         0   0.91900E-06  483218.5 3733244.5   436.8     3.49     4.00
        3.25     YES                   NO
1932    L0001501         0   0.91900E-06  483218.4 3733253.1   436.8     3.49     4.00
        3.25     YES                   NO
1933    L0001502         0   0.91900E-06  483218.4 3733261.7   436.8     3.49     4.00
        3.25     YES                   NO
1934    L0001503         0   0.91900E-06  483218.4 3733270.3   436.7     3.49     4.00
        3.25     YES                   NO
1935    L0001504         0   0.91900E-06  483218.4 3733278.9   436.7     3.49     4.00
        3.25     YES                   NO
1936    L0001505         0   0.91900E-06  483218.4 3733287.4   436.6     3.49     4.00
        3.25     YES                   NO
1937    L0001506         0   0.91900E-06  483218.3 3733296.0   436.6     3.49     4.00
        3.25     YES                   NO
1938    L0001507         0   0.91900E-06  483218.3 3733304.6   436.5     3.49     4.00
        3.25     YES                   NO
1939    L0001508         0   0.91900E-06  483218.3 3733313.2   436.4     3.49     4.00
        3.25     YES                   NO
1940    L0001509         0   0.91900E-06  483218.3 3733321.8   436.4     3.49     4.00
        3.25     YES                   NO
1941    L0001510         0   0.91900E-06  483218.3 3733330.4   436.3     3.49     4.00
        3.25     YES                   NO
1942    L0001511         0   0.91900E-06  483218.2 3733339.0   436.3     3.49     4.00
        3.25     YES                   NO
1943    L0001512         0   0.91900E-06  483218.2 3733347.6   436.3     3.49     4.00
        3.25     YES                   NO
1944    L0001513         0   0.91900E-06  483218.2 3733356.2   436.4     3.49     4.00
        3.25     YES                   NO
1945    L0001514         0   0.91900E-06  483218.2 3733364.8   436.4     3.49     4.00
        3.25     YES                   NO
1946    L0001515         0   0.91900E-06  483218.1 3733373.3   436.4     3.49     4.00
        3.25     YES                   NO
1947    L0001516         0   0.91900E-06  483218.1 3733381.9   436.4     3.49     4.00
        3.25     YES                   NO
1948    L0001517         0   0.91900E-06  483218.1 3733390.5   436.4     3.49     4.00
        3.25     YES                   NO
1949    L0001518         0   0.29340E-06  483284.1 3733023.6   436.7     3.49     4.00
        3.25     YES                   NO
1950    L0001519         0   0.29340E-06  483284.1 3733032.2   436.7     3.49     4.00
        3.25     YES                   NO
1951    L0001520         0   0.29340E-06  483284.0 3733040.8   436.7     3.49     4.00
        3.25     YES                   NO
1952    L0001521         0   0.29340E-06  483284.0 3733049.4   436.7     3.49     4.00
        3.25     YES                   NO
1953    L0001522         0   0.29340E-06  483284.0 3733057.9   436.6     3.49     4.00
        3.25     YES                   NO
1954    L0001523         0   0.29340E-06  483283.9 3733066.5   436.6     3.49     4.00
        3.25     YES                   NO
1955    L0001524         0   0.29340E-06  483283.9 3733075.1   436.6     3.49     4.00
        3.25     YES                   NO
1956    L0001525         0   0.29340E-06  483283.9 3733083.7   436.6     3.49     4.00
        3.25     YES                   NO
1957    L0001526         0   0.29340E-06  483283.9 3733092.3   436.6     3.49     4.00
        3.25     YES                   NO
1958    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
1959     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         10:09:16
1960
                                    PAGE  11
1961     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER INIT. PART.	URBAN SOURCE	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	BASE HEIGHT (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ
L0001527	0	YES	0.29340E-06	483283.8	3733100.9	436.6	3.49	4.00	3.25	NO
L0001528	0	YES	0.29340E-06	483283.8	3733109.5	436.6	3.49	4.00	3.25	NO
L0001529	0	YES	0.29340E-06	483283.8	3733118.1	436.5	3.49	4.00	3.25	NO
L0001530	0	YES	0.29340E-06	483283.7	3733126.7	436.5	3.49	4.00	3.25	NO
L0001531	0	YES	0.29340E-06	483283.7	3733135.3	436.5	3.49	4.00	3.25	NO
L0001532	0	YES	0.29340E-06	483283.7	3733143.8	436.5	3.49	4.00	3.25	NO
L0001533	0	YES	0.29340E-06	483283.7	3733152.4	436.6	3.49	4.00	3.25	NO
L0001534	0	YES	0.29340E-06	483283.6	3733161.0	436.6	3.49	4.00	3.25	NO
L0001535	0	YES	0.29340E-06	483283.6	3733169.6	436.6	3.49	4.00	3.25	NO
L0001536	0	YES	0.29340E-06	483283.6	3733178.2	436.6	3.49	4.00	3.25	NO
L0001537	0	YES	0.29340E-06	483283.5	3733186.8	436.6	3.49	4.00	3.25	NO
L0001538	0	YES	0.29340E-06	483283.5	3733195.4	436.6	3.49	4.00	3.25	NO
L0001539	0	YES	0.29340E-06	483283.5	3733204.0	436.6	3.49	4.00	3.25	NO
L0001540	0	YES	0.29340E-06	483283.5	3733212.6	436.6	3.49	4.00	3.25	NO
L0001541	0	YES	0.29340E-06	483283.4	3733221.2	436.6	3.49	4.00	3.25	NO
L0001542	0	YES	0.29340E-06	483283.4	3733229.7	436.6	3.49	4.00	3.25	NO
L0001543	0	YES	0.29340E-06	483283.4	3733238.3	436.6	3.49	4.00	3.25	NO
L0001544	0	YES	0.29340E-06	483283.3	3733246.9	436.5	3.49	4.00	3.25	NO
L0001545	0	YES	0.29340E-06	483283.3	3733255.5	436.5	3.49	4.00	3.25	NO
L0001546	0	YES	0.29340E-06	483283.3	3733264.1	436.5	3.49	4.00	3.25	NO
L0001547	0	YES	0.29340E-06	483283.3	3733272.7	436.5	3.49	4.00	3.25	NO
L0001548	0	YES	0.29340E-06	483283.2	3733281.3	436.5	3.49	4.00	3.25	NO
L0001549	0	YES	0.29340E-06	483283.2	3733289.9	436.6	3.49	4.00	3.25	NO
L0001550	0	YES	0.29340E-06	483283.2	3733298.5	436.6	3.49	4.00	3.25	NO
L0001551	0	YES	0.29340E-06	483283.1	3733307.1	436.6	3.49	4.00	3.25	NO
L0001552	0	YES	0.29340E-06	483283.1	3733315.6	436.5	3.49	4.00	3.25	NO
L0001553	0	YES	0.29340E-06	483283.1	3733324.2	436.5	3.49	4.00		

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      3.25     YES                    NO
1998  L0001554         0   0.29340E-06  483283.1 3733332.8   436.5     3.49     4.00
      3.25     YES                    NO
1999  L0001555         0   0.29340E-06  483283.0 3733341.4   436.5     3.49     4.00
      3.25     YES                    NO
2000  L0001556         0   0.29340E-06  483283.0 3733350.0   436.5     3.49     4.00
      3.25     YES                    NO
2001  L0001557         0   0.29340E-06  483283.0 3733358.6   436.6     3.49     4.00
      3.25     YES                    NO
2002  L0001558         0   0.29340E-06  483282.9 3733367.2   436.6     3.49     4.00
      3.25     YES                    NO
2003  L0001559         0   0.29340E-06  483282.9 3733375.8   436.6     3.49     4.00
      3.25     YES                    NO
2004  L0001560         0   0.29340E-06  483282.9 3733384.4   436.6     3.49     4.00
      3.25     YES                    NO
2005  L0001561         0   0.29340E-06  483282.9 3733393.0   436.6     3.49     4.00
      3.25     YES                    NO
2006  L0001562         0   0.29340E-06  483282.8 3733401.5   436.6     3.49     4.00
      3.25     YES                    NO
2007  L0001563         0   0.29340E-06  483282.8 3733410.1   436.6     3.49     4.00
      3.25     YES                    NO
2008  L0001564         0   0.29340E-06  483282.8 3733418.7   436.6     3.49     4.00
      3.25     YES                    NO
2009  L0001565         0   0.29340E-06  483282.7 3733427.3   436.6     3.49     4.00
      3.25     YES                    NO
2010  L0001566         0   0.29340E-06  483282.7 3733435.9   436.6     3.49     4.00
      3.25     YES                    NO
2011  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
2012   *** AERMET - VERSION  22112 ***
       ***                                                          ***
       10:09:16
2013
                                PAGE  12
2014   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2015
2016
2017                                                *** VOLUME SOURCE DATA ***
2018
2019                NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
                    INIT.   URBAN  EMISSION RATE   AIRCRAFT
2020      SOURCE     PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
          SZ     SOURCE  SCALAR VARY
2021        ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
            (METERS)              BY
2022  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - -
2023
2024  L0001567         0   0.29340E-06  483282.7 3733444.5   436.6     3.49     4.00
      3.25     YES                    NO
2025  L0001568         0   0.29340E-06  483282.6 3733453.1   436.6     3.49     4.00
      3.25     YES                    NO
2026  L0001569         0   0.29340E-06  483282.6 3733461.7   436.7     3.49     4.00
      3.25     YES                    NO
2027  L0001570         0   0.29340E-06  483282.6 3733470.3   436.7     3.49     4.00
      3.25     YES                    NO
2028  L0001571         0   0.29340E-06  483282.6 3733478.9   436.7     3.49     4.00
      3.25     YES                    NO
2029  L0001572         0   0.29340E-06  483282.5 3733487.4   436.8     3.49     4.00
      3.25     YES                    NO
2030  L0001573         0   0.29340E-06  483282.5 3733496.0   436.8     3.49     4.00
      3.25     YES                    NO
2031  L0001574         0   0.29340E-06  483282.5 3733504.6   436.8     3.49     4.00
      3.25     YES                    NO
2032  L0001575         0   0.29340E-06  483282.4 3733513.2   436.8     3.49     4.00
      3.25     YES                    NO
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2033    L0001576         0   0.29340E-06  483282.4 3733521.8   436.9     3.49     4.00
        3.25     YES                   NO
2034    L0001577         0   0.29340E-06  483282.4 3733530.4   436.9     3.49     4.00
        3.25     YES                   NO
2035    L0001578         0   0.29340E-06  483282.4 3733539.0   436.9     3.49     4.00
        3.25     YES                   NO
2036    L0001579         0   0.29340E-06  483282.3 3733547.6   436.9     3.49     4.00
        3.25     YES                   NO
2037    L0001580         0   0.29340E-06  483282.3 3733556.2   437.0     3.49     4.00
        3.25     YES                   NO
2038    L0001581         0   0.29340E-06  483282.3 3733564.8   437.0     3.49     4.00
        3.25     YES                   NO
2039    L0001582         0   0.29340E-06  483282.2 3733573.3   437.0     3.49     4.00
        3.25     YES                   NO
2040    L0001583         0   0.29340E-06  483282.2 3733581.9   437.0     3.49     4.00
        3.25     YES                   NO
2041    L0001584         0   0.29340E-06  483282.2 3733590.5   437.0     3.49     4.00
        3.25     YES                   NO
2042    L0001585         0   0.29340E-06  483282.2 3733599.1   437.1     3.49     4.00
        3.25     YES                   NO
2043    L0001586         0   0.29340E-06  483282.1 3733607.7   437.1     3.49     4.00
        3.25     YES                   NO
2044    L0001587         0   0.29340E-06  483282.1 3733616.3   437.0     3.49     4.00
        3.25     YES                   NO
2045    L0001588         0   0.29340E-06  483282.1 3733624.9   437.0     3.49     4.00
        3.25     YES                   NO
2046    L0001589         0   0.29340E-06  483282.0 3733633.5   437.0     3.49     4.00
        3.25     YES                   NO
2047    L0001590         0   0.29340E-06  483282.0 3733642.1   436.9     3.49     4.00
        3.25     YES                   NO
2048    L0001591         0   0.29340E-06  483282.0 3733650.7   436.9     3.49     4.00
        3.25     YES                   NO
2049    L0001592         0   0.29340E-06  483282.0 3733659.2   436.8     3.49     4.00
        3.25     YES                   NO
2050    L0001593         0   0.29340E-06  483281.9 3733667.8   436.8     3.49     4.00
        3.25     YES                   NO
2051    L0001594         0   0.29660E-06  483278.1 3733669.7   436.8     3.49     4.00
        3.25     YES                   NO
2052    L0001595         0   0.29660E-06  483269.5 3733669.6   436.8     3.49     4.00
        3.25     YES                   NO
2053    L0001596         0   0.29660E-06  483260.9 3733669.6   436.7     3.49     4.00
        3.25     YES                   NO
2054    L0001597         0   0.29660E-06  483252.3 3733669.5   436.7     3.49     4.00
        3.25     YES                   NO
2055    L0001598         0   0.29660E-06  483243.7 3733669.5   436.7     3.49     4.00
        3.25     YES                   NO
2056    L0001599         0   0.29660E-06  483235.1 3733669.4   436.6     3.49     4.00
        3.25     YES                   NO
2057    L0001600         0   0.29660E-06  483226.5 3733669.4   436.6     3.49     4.00
        3.25     YES                   NO
2058    L0001601         0   0.29660E-06  483218.0 3733669.3   436.6     3.49     4.00
        3.25     YES                   NO
2059    L0001602         0   0.29660E-06  483209.4 3733669.2   436.5     3.49     4.00
        3.25     YES                   NO
2060    L0001603         0   0.29660E-06  483200.8 3733669.2   436.5     3.49     4.00
        3.25     YES                   NO
2061    L0001604         0   0.29660E-06  483192.2 3733669.1   436.4     3.49     4.00
        3.25     YES                   NO
2062    L0001605         0   0.29660E-06  483183.6 3733669.1   436.4     3.49     4.00
        3.25     YES                   NO
2063    L0001606         0   0.29660E-06  483175.0 3733669.0   436.3     3.49     4.00
        3.25     YES                   NO
2064    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
2065     *** AERMET - VERSION  22112 ***
         ***                                                                ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER INIT. SOURCE CATS.	EMISSION RATE INIT. PART. SCALAR VARY BY	URBAN SOURCE (METERS)	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	BASE HEIGHT (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ (METERS)
L0001607	0	0.29660E-06	483166.4	3733669.0	436.3	3.49	4.00	3.25	YES	NO	
L0001608	0	0.29660E-06	483157.8	3733668.9	436.3	3.49	4.00	3.25	YES	NO	
L0001609	0	0.29660E-06	483149.2	3733668.9	436.2	3.49	4.00	3.25	YES	NO	
L0001610	0	0.29660E-06	483140.6	3733668.8	436.2	3.49	4.00	3.25	YES	NO	
L0001611	0	0.29660E-06	483132.1	3733668.8	436.1	3.49	4.00	3.25	YES	NO	
L0001612	0	0.29660E-06	483123.5	3733668.7	436.1	3.49	4.00	3.25	YES	NO	
L0001613	0	0.29660E-06	483114.9	3733668.7	436.1	3.49	4.00	3.25	YES	NO	
L0001614	0	0.29660E-06	483106.3	3733668.6	436.1	3.49	4.00	3.25	YES	NO	
L0001615	0	0.29660E-06	483097.7	3733668.6	436.0	3.49	4.00	3.25	YES	NO	
L0001616	0	0.29660E-06	483089.1	3733668.5	436.0	3.49	4.00	3.25	YES	NO	
L0001617	0	0.29660E-06	483080.5	3733668.5	436.0	3.49	4.00	3.25	YES	NO	
L0001618	0	0.29660E-06	483071.9	3733668.4	435.9	3.49	4.00	3.25	YES	NO	
L0001619	0	0.29660E-06	483063.3	3733668.3	435.9	3.49	4.00	3.25	YES	NO	
L0001620	0	0.29660E-06	483054.7	3733668.3	435.9	3.49	4.00	3.25	YES	NO	
L0001621	0	0.29660E-06	483046.2	3733668.2	435.9	3.49	4.00	3.25	YES	NO	
L0001622	0	0.29660E-06	483037.6	3733668.2	435.8	3.49	4.00	3.25	YES	NO	
L0001623	0	0.29660E-06	483029.0	3733668.1	435.8	3.49	4.00	3.25	YES	NO	
L0001624	0	0.29660E-06	483020.4	3733668.1	435.8	3.49	4.00	3.25	YES	NO	
L0001625	0	0.29660E-06	483011.8	3733668.0	435.8	3.49	4.00	3.25	YES	NO	
L0001626	0	0.29660E-06	483003.2	3733668.0	435.7	3.49	4.00	3.25	YES	NO	
L0001627	0	0.29660E-06	482994.6	3733667.9	435.7	3.49	4.00	3.25	YES	NO	
L0001628	0	0.29660E-06	482986.0	3733667.9	435.7	3.49	4.00	3.25	YES	NO	
L0001629	0	0.29660E-06	482977.4	3733667.8	435.7	3.49	4.00	3.25	YES	NO	
L0001630	0	0.29660E-06	482968.8	3733667.8	435.7	3.49	4.00	3.25	YES	NO	
L0001631	0	0.29660E-06	482960.3	3733667.7	435.7	3.49	4.00				

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      3.25     YES                    NO
2102  L0001632         0   0.29660E-06  482951.7 3733667.7   435.6     3.49     4.00
      3.25     YES                    NO
2103  L0001633         0   0.29660E-06  482943.1 3733667.6   435.6     3.49     4.00
      3.25     YES                    NO
2104  L0001634         0   0.29660E-06  482934.5 3733667.6   435.6     3.49     4.00
      3.25     YES                    NO
2105  L0001635         0   0.29660E-06  482925.9 3733667.5   435.6     3.49     4.00
      3.25     YES                    NO
2106  L0001636         0   0.29660E-06  482917.3 3733667.5   435.6     3.49     4.00
      3.25     YES                    NO
2107  L0001637         0   0.29660E-06  482908.7 3733667.6   435.6     3.49     4.00
      3.25     YES                    NO
2108  L0001638         0   0.29660E-06  482900.1 3733667.7   435.6     3.49     4.00
      3.25     YES                    NO
2109  L0001639         0   0.29660E-06  482891.5 3733667.8   435.6     3.49     4.00
      3.25     YES                    NO
2110  L0001640         0   0.29660E-06  482882.9 3733667.9   435.6     3.49     4.00
      3.25     YES                    NO
2111  L0001641         0   0.29660E-06  482874.4 3733668.0   435.6     3.49     4.00
      3.25     YES                    NO
2112  L0001642         0   0.29660E-06  482865.8 3733668.2   435.6     3.49     4.00
      3.25     YES                    NO
2113  L0001643         0   0.29660E-06  482857.2 3733668.3   435.6     3.49     4.00
      3.25     YES                    NO
2114  L0001644         0   0.29660E-06  482848.6 3733668.4   435.6     3.49     4.00
      3.25     YES                    NO
2115  L0001645         0   0.29660E-06  482840.0 3733668.5   435.6     3.49     4.00
      3.25     YES                    NO
2116  L0001646         0   0.29660E-06  482831.4 3733668.6   435.6     3.49     4.00
      3.25     YES                    NO
2117  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
2118   *** AERMET - VERSION  22112 ***
       ***                                                          ***
       10:09:16
2119
                                PAGE  14
2120   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2121
2122
2123                                                *** VOLUME SOURCE DATA ***
2124
2125                 NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
                     INIT.   URBAN  EMISSION RATE   AIRCRAFT
2126       SOURCE     PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
           SZ     SOURCE  SCALAR VARY
2127         ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
            (METERS)             BY
2128  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - -
2129
2130  L0001647         0   0.29660E-06  482822.8 3733668.8   435.6     3.49     4.00
      3.25     YES                    NO
2131  L0001648         0   0.29660E-06  482814.2 3733668.9   435.6     3.49     4.00
      3.25     YES                    NO
2132  L0001649         0   0.29660E-06  482805.6 3733669.0   435.6     3.49     4.00
      3.25     YES                    NO
2133  L0001650         0   0.29660E-06  482797.1 3733669.1   435.6     3.49     4.00
      3.25     YES                    NO
2134  L0001651         0   0.29660E-06  482788.5 3733669.2   435.6     3.49     4.00
      3.25     YES                    NO
2135  L0001652         0   0.29660E-06  482779.9 3733669.4   435.6     3.49     4.00
      3.25     YES                    NO
2136  L0001653         0   0.29660E-06  482771.3 3733669.5   435.6     3.49     4.00
      3.25     YES                    NO
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2137    L0001654          0   0.29660E-06  482762.7 3733669.6   435.6     3.49     4.00
        3.25     YES                    NO
2138    L0001655          0   0.29660E-06  482754.1 3733669.7   435.6     3.49     4.00
        3.25     YES                    NO
2139    L0001656          0   0.29660E-06  482745.5 3733669.9   435.6     3.49     4.00
        3.25     YES                    NO
2140    L0001657          0   0.29660E-06  482736.9 3733670.0   435.6     3.49     4.00
        3.25     YES                    NO
2141    L0001658          0   0.29660E-06  482728.3 3733670.1   435.6     3.49     4.00
        3.25     YES                    NO
2142    L0001659          0   0.29660E-06  482719.8 3733670.2   435.6     3.49     4.00
        3.25     YES                    NO
2143    L0001660          0   0.29660E-06  482711.2 3733670.3   435.7     3.49     4.00
        3.25     YES                    NO
2144    L0001661          0   0.29660E-06  482702.6 3733670.5   435.8     3.49     4.00
        3.25     YES                    NO
2145    L0001662          0   0.29660E-06  482694.0 3733670.6   435.9     3.49     4.00
        3.25     YES                    NO
2146    L0001663          0   0.29660E-06  482685.4 3733670.7   436.1     3.49     4.00
        3.25     YES                    NO
2147    L0001664          0   0.29660E-06  482676.8 3733670.8   436.3     3.49     4.00
        3.25     YES                    NO
2148    L0001665          0   0.29660E-06  482668.2 3733670.9   436.5     3.49     4.00
        3.25     YES                    NO
2149    L0001666          0   0.29660E-06  482659.6 3733671.1   436.7     3.49     4.00
        3.25     YES                    NO
2150    L0001667          0   0.29660E-06  482651.0 3733671.2   437.0     3.49     4.00
        3.25     YES                    NO
2151    L0001668          0   0.29660E-06  482642.5 3733671.3   437.2     3.49     4.00
        3.25     YES                    NO
2152    L0001669          0   0.29660E-06  482633.9 3733671.4   437.4     3.49     4.00
        3.25     YES                    NO
2153    L0001670          0   0.29660E-06  482625.3 3733671.5   437.7     3.49     4.00
        3.25     YES                    NO
2154    L0001671          0   0.29660E-06  482616.7 3733671.7   437.9     3.49     4.00
        3.25     YES                    NO
2155    L0001672          0   0.29660E-06  482608.1 3733671.8   438.2     3.49     4.00
        3.25     YES                    NO
2156    L0001673          0   0.29660E-06  482599.5 3733671.9   438.5     3.49     4.00
        3.25     YES                    NO
2157    L0001674          0   0.29660E-06  482590.9 3733672.0   438.9     3.49     4.00
        3.25     YES                    NO
2158    L0001675          0   0.29660E-06  482582.3 3733672.2   439.3     3.49     4.00
        3.25     YES                    NO
2159    L0001676          0   0.29660E-06  482573.7 3733672.3   439.8     3.49     4.00
        3.25     YES                    NO
2160    L0001677          0   0.17540E-06  482489.5 3733927.7   434.5     3.49     4.00
        3.25     YES                    NO
2161    L0001678          0   0.17540E-06  482491.0 3733919.2   434.6     3.49     4.00
        3.25     YES                    NO
2162    L0001679          0   0.17540E-06  482492.6 3733910.8   434.7     3.49     4.00
        3.25     YES                    NO
2163    L0001680          0   0.17540E-06  482494.1 3733902.3   434.7     3.49     4.00
        3.25     YES                    NO
2164    L0001681          0   0.17540E-06  482495.7 3733893.9   434.7     3.49     4.00
        3.25     YES                    NO
2165    L0001682          0   0.17540E-06  482497.7 3733885.5   434.8     3.49     4.00
        3.25     YES                    NO
2166    L0001683          0   0.17540E-06  482499.8 3733877.2   434.8     3.49     4.00
        3.25     YES                    NO
2167    L0001684          0   0.17540E-06  482501.8 3733868.9   434.8     3.49     4.00
        3.25     YES                    NO
2168    L0001685          0   0.17540E-06  482504.1 3733860.6   434.8     3.49     4.00
        3.25     YES                    NO
2169    L0001686          0   0.17540E-06  482506.6 3733852.3   434.9     3.49     4.00
        3.25     YES                    NO
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE INIT. PART. CATS.	URBAN SOURCE	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	AIRCRAFT ELEV. (METERS)	BASE HEIGHT (METERS)	RELEASE HEIGHT (METERS)	INIT. SY SZ (METERS)
L0001687	0	0.17540E-06		482509.0	3733844.1	435.0	3.49	4.00	3.25
	YES		NO						
L0001688	0	0.17540E-06		482511.4	3733835.9	435.2	3.49	4.00	3.25
	YES		NO						
L0001689	0	0.17540E-06		482513.8	3733827.6	435.4	3.49	4.00	3.25
	YES		NO						
L0001690	0	0.17540E-06		482516.3	3733819.4	435.7	3.49	4.00	3.25
	YES		NO						
L0001691	0	0.17540E-06		482518.8	3733811.2	435.7	3.49	4.00	3.25
	YES		NO						
L0001692	0	0.17540E-06		482521.5	3733803.0	435.7	3.49	4.00	3.25
	YES		NO						
L0001693	0	0.17540E-06		482524.1	3733794.8	435.8	3.49	4.00	3.25
	YES		NO						
L0001694	0	0.17540E-06		482526.7	3733786.7	435.8	3.49	4.00	3.25
	YES		NO						
L0001695	0	0.17540E-06		482529.4	3733778.5	435.8	3.49	4.00	3.25
	YES		NO						
L0001696	0	0.17540E-06		482532.0	3733770.3	436.0	3.49	4.00	3.25
	YES		NO						
L0001697	0	0.17540E-06		482534.9	3733762.2	436.4	3.49	4.00	3.25
	YES		NO						
L0001698	0	0.17540E-06		482537.9	3733754.2	436.7	3.49	4.00	3.25
	YES		NO						
L0001699	0	0.17540E-06		482540.9	3733746.1	437.1	3.49	4.00	3.25
	YES		NO						
L0001700	0	0.17540E-06		482543.9	3733738.1	437.4	3.49	4.00	3.25
	YES		NO						
L0001701	0	0.17540E-06		482546.9	3733730.0	437.5	3.49	4.00	3.25
	YES		NO						
L0001702	0	0.17540E-06		482549.9	3733722.0	437.5	3.49	4.00	3.25
	YES		NO						
L0001703	0	0.17540E-06		482552.9	3733713.9	437.6	3.49	4.00	3.25
	YES		NO						
L0001704	0	0.17540E-06		482555.9	3733705.9	437.9	3.49	4.00	3.25
	YES		NO						
L0001705	0	0.17540E-06		482558.9	3733697.8	438.4	3.49	4.00	3.25
	YES		NO						
L0001706	0	0.17540E-06		482561.9	3733689.8	439.0	3.49	4.00	3.25
	YES		NO						
L0001707	0	0.17540E-06		482564.9	3733681.7	439.5	3.49	4.00	3.25
	YES		NO						
L0001708	0	0.17540E-06		482567.9	3733673.7	440.0	3.49	4.00	3.25
	YES		NO						
L0001709	0	0.11690E-06		482566.4	3733665.0	440.3	3.49	4.00	

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      3.25     YES                    NO
2206  L0001710         0   0.11690E-06  482564.3 3733656.7   439.8     3.49     4.00
      3.25     YES                    NO
2207  L0001711         0   0.11690E-06  482561.9 3733648.4   439.4     3.49     4.00
      3.25     YES                    NO
2208  L0001712         0   0.11690E-06  482558.8 3733640.4   438.8     3.49     4.00
      3.25     YES                    NO
2209  L0001713         0   0.11690E-06  482555.7 3733632.4   438.3     3.49     4.00
      3.25     YES                    NO
2210  L0001714         0   0.11690E-06  482552.6 3733624.4   437.8     3.49     4.00
      3.25     YES                    NO
2211  L0001715         0   0.11690E-06  482549.5 3733616.4   437.5     3.49     4.00
      3.25     YES                    NO
2212  L0001716         0   0.11690E-06  482546.4 3733608.4   437.2     3.49     4.00
      3.25     YES                    NO
2213  L0001717         0   0.11690E-06  482543.5 3733600.3   437.2     3.49     4.00
      3.25     YES                    NO
2214  L0001718         0   0.11690E-06  482540.5 3733592.2   437.1     3.49     4.00
      3.25     YES                    NO
2215  L0001719         0   0.11690E-06  482537.6 3733584.2   436.9     3.49     4.00
      3.25     YES                    NO
2216  L0001720         0   0.11690E-06  482534.6 3733576.1   436.7     3.49     4.00
      3.25     YES                    NO
2217  L0001721         0   0.11690E-06  482531.6 3733568.0   436.3     3.49     4.00
      3.25     YES                    NO
2218  L0001722         0   0.11690E-06  482528.7 3733560.0   436.0     3.49     4.00
      3.25     YES                    NO
2219  L0001723         0   0.11690E-06  482525.7 3733551.9   435.9     3.49     4.00
      3.25     YES                    NO
2220  L0001724         0   0.11690E-06  482523.0 3733543.8   435.8     3.49     4.00
      3.25     YES                    NO
2221  L0001725         0   0.11690E-06  482520.4 3733535.6   435.8     3.49     4.00
      3.25     YES                    NO
2222  L0001726         0   0.11690E-06  482517.7 3733527.4   435.8     3.49     4.00
      3.25     YES                    NO
2223  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
2224   *** AERMET - VERSION  22112 ***
       ***                                                              ***
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2225
                                PAGE  16
2226   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2227
2228
2229                                                *** VOLUME SOURCE DATA ***
2230
2231                 NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
                     INIT.   URBAN  EMISSION RATE   AIRCRAFT
2232       SOURCE     PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
           SZ     SOURCE  SCALAR VARY
2233         ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
             (METERS)              BY
2234  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - -
2235
2236  L0001727         0   0.11690E-06  482515.1 3733519.2   435.7     3.49     4.00
      3.25     YES                    NO
2237  L0001728         0   0.11690E-06  482512.5 3733511.0   435.6     3.49     4.00
      3.25     YES                    NO
2238  L0001729         0   0.11690E-06  482510.2 3733502.8   435.4     3.49     4.00
      3.25     YES                    NO
2239  L0001730         0   0.11690E-06  482508.2 3733494.4   435.3     3.49     4.00
      3.25     YES                    NO
2240  L0001731         0   0.11690E-06  482506.2 3733486.1   435.2     3.49     4.00
      3.25     YES                    NO
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2241    L0001732         0   0.11690E-06  482504.1 3733477.7   435.2     3.49     4.00
        3.25     YES                   NO
2242    L0001733         0   0.11690E-06  482502.1 3733469.4   435.1     3.49     4.00
        3.25     YES                   NO
2243    L0001734         0   0.11690E-06  482500.4 3733461.0   435.1     3.49     4.00
        3.25     YES                   NO
2244    L0001735         0   0.11690E-06  482499.1 3733452.5   435.1     3.49     4.00
        3.25     YES                   NO
2245    L0001736         0   0.11690E-06  482497.9 3733444.0   435.1     3.49     4.00
        3.25     YES                   NO
2246    L0001737         0   0.11690E-06  482496.7 3733435.5   435.1     3.49     4.00
        3.25     YES                   NO
2247    L0001738         0   0.11690E-06  482495.5 3733427.0   435.1     3.49     4.00
        3.25     YES                   NO
2248    L0001739         0   0.11690E-06  482494.3 3733418.5   435.2     3.49     4.00
        3.25     YES                   NO
2249    L0001740         0   0.11690E-06  482493.2 3733409.9   435.2     3.49     4.00
        3.25     YES                   NO
2250    L0001741         0   0.11690E-06  482492.4 3733401.4   435.2     3.49     4.00
        3.25     YES                   NO
2251    L0001742         0   0.11690E-06  482491.6 3733392.8   435.2     3.49     4.00
        3.25     YES                   NO
2252    L0001743         0   0.11690E-06  482490.7 3733384.3   435.2     3.49     4.00
        3.25     YES                   NO
2253    L0001744         0   0.11690E-06  482489.9 3733375.7   435.2     3.49     4.00
        3.25     YES                   NO
2254    L0001745         0   0.11690E-06  482489.1 3733367.2   435.2     3.49     4.00
        3.25     YES                   NO
2255    L0001746         0   0.11690E-06  482488.2 3733358.6   435.2     3.49     4.00
        3.25     YES                   NO
2256    L0001747         0   0.11690E-06  482487.4 3733350.1   435.2     3.49     4.00
        3.25     YES                   NO
2257    L0001748         0   0.11690E-06  482486.6 3733341.5   435.3     3.49     4.00
        3.25     YES                   NO
2258    L0001749         0   0.11690E-06  482485.8 3733333.0   435.3     3.49     4.00
        3.25     YES                   NO
2259    L0001750         0   0.11690E-06  482485.2 3733324.4   435.3     3.49     4.00
        3.25     YES                   NO
2260    L0001751         0   0.11690E-06  482484.5 3733315.8   435.3     3.49     4.00
        3.25     YES                   NO
2261    L0001752         0   0.11690E-06  482483.8 3733307.3   435.3     3.49     4.00
        3.25     YES                   NO
2262    L0001753         0   0.11690E-06  482483.1 3733298.7   435.3     3.49     4.00
        3.25     YES                   NO
2263    L0001754         0   0.11690E-06  482482.4 3733290.2   435.4     3.49     4.00
        3.25     YES                   NO
2264    L0001755         0   0.11690E-06  482481.8 3733281.6   435.4     3.49     4.00
        3.25     YES                   NO
2265    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
2266     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         10:09:16
2267
                                  PAGE  17
2268     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2269
2270
2271                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
2272
2273     SRCGROUP ID                                          SOURCE IDs
2274     -----------                                          ----------
2275
2276
2277      ALL        L0001756    , L0001757    , L0001758    , L0001759    , L0001760    ,
         L0001761    , L0001762    , L0001763    ,
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2279                L0001764    , L0001765    , L0001766    , L0001767    , L0001768    ,
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2283                L0001780    , L0001781    , L0001782    , L0001783    , L0001784    ,
                    L0001785    , L0001786    , L0001787    ,
2284
2285                L0001788    , L0001789    , L0001790    , L0001791    , L0001792    ,
                    L0001793    , L0001794    , L0001795    ,
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2287                L0001796    , L0001797    , L0001798    , L0001799    , L0001800    ,
                    L0001801    , L0001802    , L0001803    ,
2288
2289                L0001804    , L0001805    , L0001806    , L0001807    , L0001808    ,
                    L0001809    , L0001810    , L0001811    ,
2290
2291                L0001812    , L0001813    , L0001265    , L0001266    , L0001267    ,
                    L0001268    , L0001269    , L0001270    ,
2292
2293                L0001271    , L0001272    , L0001273    , L0001274    , L0001275    ,
                    L0001276    , L0001277    , L0001278    ,
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2295                L0001279    , L0001280    , L0001281    , L0001282    , L0001283    ,
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2296
2297                L0001287    , L0001288    , L0001289    , L0001290    , L0001291    ,
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2299                L0001295    , L0001296    , L0001297    , L0001298    , L0001299    ,
                    L0001300    , L0001301    , L0001302    ,
2300
2301                L0001303    , L0001304    , L0001305    , L0001306    , L0001307    ,
                    L0001308    , L0001309    , L0001310    ,
2302
2303                L0001311    , L0001312    , L0001313    , L0001314    , L0001315    ,
                    L0001316    , L0001317    , L0001318    ,
2304
2305                L0001319    , L0001320    , L0001321    , L0001322    , L0001323    ,
                    L0001324    , L0001325    , L0001326    ,
2306
2307                L0001327    , L0001328    , L0001329    , L0001330    , L0001331    ,
                    L0001332    , L0001333    , L0001334    ,
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2309                L0001335    , L0001336    , L0001337    , L0001338    , L0001339    ,
                    L0001340    , L0001341    , L0001342    ,
2310
2311                L0001343    , L0001344    , L0001345    , L0001346    , L0001347    ,
                    L0001348    , L0001349    , L0001350    ,
2312
2313                L0001351    , L0001352    , L0001353    , L0001354    , L0001355    ,
                    L0001356    , L0001357    , L0001358    ,
2314
2315                L0001359    , L0001360    , L0001361    , L0001362    , L0001363    ,
                    L0001364    , L0001365    , L0001366    ,
2316 FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
     Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
2317  *** AERMET - VERSION  22112 ***
      ***                                                              ***
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2318
                                PAGE  18
2319  *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2320
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0001375 , L0001376 , L0001377 , L0001378 , L0001379 , L0001380 , L0001381 , L0001382 ,
	L0001383 , L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 , L0001390 ,
	L0001391 , L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 , L0001398 ,
	L0001399 , L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , L0001405 , L0001406 ,
	L0001407 , L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , L0001413 , L0001414 ,
	L0001415 , L0001416 , L0001417 , L0001418 , L0001419 , L0001420 , L0001421 , L0001422 ,
	L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0001535 , L0001536 , L0001537 , L0001538 , L0001539 , L0001540 , L0001541 , L0001542 ,
	L0001543 , L0001544 , L0001545 , L0001546 , L0001547 , L0001548 , L0001549 , L0001550 ,
	L0001551 , L0001552 , L0001553 , L0001554 , L0001555 , L0001556 , L0001557 , L0001558 ,
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	L0001583 , L0001584 , L0001585 , L0001586 , L0001587 , L0001588 , L0001589 , L0001590 ,
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	L0001599 , L0001600 , L0001601 , L0001602 , L0001603 , L0001604 , L0001605 , L0001606 ,
	L0001607 , L0001608 , L0001609 , L0001610 , L0001611 , L0001612 , L0001613 , L0001614 ,
	L0001615 , L0001616 , L0001617 , L0001618 , L0001619 , L0001620 , L0001621 , L0001622 ,
	L0001623 , L0001624 , L0001625 , L0001626 , L0001627 , L0001628 , L0001629 , L0001630 ,
	L0001631 , L0001632 , L0001633 , L0001634 , L0001635 , L0001636 , L0001637 , L0001638 ,
	L0001639 , L0001640 , L0001641 , L0001642 , L0001643 , L0001644 , L0001645 , L0001646 ,
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	L0001655 , L0001656 , L0001657 , L0001658 , L0001659 , L0001660 , L0001661 , L0001662 ,

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2412
2413              L0001663    , L0001664    , L0001665    , L0001666    , L0001667    ,
                  L0001668    , L0001669    , L0001670    ,
2414
2415              L0001671    , L0001672    , L0001673    , L0001674    , L0001675    ,
                  L0001676    , L0001677    , L0001678    ,
2416
2417              L0001679    , L0001680    , L0001681    , L0001682    , L0001683    ,
                  L0001684    , L0001685    , L0001686    ,
2418  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
2419   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       10:09:16
2420
                                  PAGE  20
2421   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2422
2423
2424                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
2425
2426   SRCGROUP ID                                              SOURCE IDs
2427   -----------                                              ----------
2428
2429
2430              L0001687    , L0001688    , L0001689    , L0001690    , L0001691    ,
                  L0001692    , L0001693    , L0001694    ,
2431
2432              L0001695    , L0001696    , L0001697    , L0001698    , L0001699    ,
                  L0001700    , L0001701    , L0001702    ,
2433
2434              L0001703    , L0001704    , L0001705    , L0001706    , L0001707    ,
                  L0001708    , L0001709    , L0001710    ,
2435
2436              L0001711    , L0001712    , L0001713    , L0001714    , L0001715    ,
                  L0001716    , L0001717    , L0001718    ,
2437
2438              L0001719    , L0001720    , L0001721    , L0001722    , L0001723    ,
                  L0001724    , L0001725    , L0001726    ,
2439
2440              L0001727    , L0001728    , L0001729    , L0001730    , L0001731    ,
                  L0001732    , L0001733    , L0001734    ,
2441
2442              L0001735    , L0001736    , L0001737    , L0001738    , L0001739    ,
                  L0001740    , L0001741    , L0001742    ,
2443
2444              L0001743    , L0001744    , L0001745    , L0001746    , L0001747    ,
                  L0001748    , L0001749    , L0001750    ,
2445
2446              L0001751    , L0001752    , L0001753    , L0001754    , L0001755    ,
                  STCK1       ,
2447  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
2448   *** AERMET - VERSION  22112 ***
       ***                                                                ***
       10:09:16
2449
                                  PAGE  21
2450   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2451
2452
2453                                          *** SOURCE IDs DEFINED AS URBAN SOURCES ***
2454
2455    URBAN ID   URBAN POP                                     SOURCE IDs
2456    --------   ---------                                     ----------
2457
```

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2458
2459                2492442.   L0001756    , L0001757    , L0001758    , L0001759    ,
                    L0001760    , L0001761    , L0001762    ,
2460    L0001763    ,
2461
2462                L0001764    , L0001765    , L0001766    , L0001767    , L0001768    ,
                    L0001769    , L0001770    , L0001771    ,
2463
2464                L0001772    , L0001773    , L0001774    , L0001775    , L0001776    ,
                    L0001777    , L0001778    , L0001779    ,
2465
2466                L0001780    , L0001781    , L0001782    , L0001783    , L0001784    ,
                    L0001785    , L0001786    , L0001787    ,
2467
2468                L0001788    , L0001789    , L0001790    , L0001791    , L0001792    ,
                    L0001793    , L0001794    , L0001795    ,
2469
2470                L0001796    , L0001797    , L0001798    , L0001799    , L0001800    ,
                    L0001801    , L0001802    , L0001803    ,
2471
2472                L0001804    , L0001805    , L0001806    , L0001807    , L0001808    ,
                    L0001809    , L0001810    , L0001811    ,
2473
2474                L0001812    , L0001813    , L0001265    , L0001266    , L0001267    ,
                    L0001268    , L0001269    , L0001270    ,
2475
2476                L0001271    , L0001272    , L0001273    , L0001274    , L0001275    ,
                    L0001276    , L0001277    , L0001278    ,
2477
2478                L0001279    , L0001280    , L0001281    , L0001282    , L0001283    ,
                    L0001284    , L0001285    , L0001286    ,
2479
2480                L0001287    , L0001288    , L0001289    , L0001290    , L0001291    ,
                    L0001292    , L0001293    , L0001294    ,
2481
2482                L0001295    , L0001296    , L0001297    , L0001298    , L0001299    ,
                    L0001300    , L0001301    , L0001302    ,
2483
2484                L0001303    , L0001304    , L0001305    , L0001306    , L0001307    ,
                    L0001308    , L0001309    , L0001310    ,
2485
2486                L0001311    , L0001312    , L0001313    , L0001314    , L0001315    ,
                    L0001316    , L0001317    , L0001318    ,
2487
2488                L0001319    , L0001320    , L0001321    , L0001322    , L0001323    ,
                    L0001324    , L0001325    , L0001326    ,
2489
2490                L0001327    , L0001328    , L0001329    , L0001330    , L0001331    ,
                    L0001332    , L0001333    , L0001334    ,
2491
2492                L0001335    , L0001336    , L0001337    , L0001338    , L0001339    ,
                    L0001340    , L0001341    , L0001342    ,
2493
2494                L0001343    , L0001344    , L0001345    , L0001346    , L0001347    ,
                    L0001348    , L0001349    , L0001350    ,
2495
2496                L0001351    , L0001352    , L0001353    , L0001354    , L0001355    ,
                    L0001356    , L0001357    , L0001358    ,
2497
2498                L0001359    , L0001360    , L0001361    , L0001362    , L0001363    ,
                    L0001364    , L0001365    , L0001366    ,
2499    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
    Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
2500     *** AERMET - VERSION  22112 ***
         ***                                                          ***
         10:09:16
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0001367 , L0001368 , L0001369 , L0001370 , L0001371 , L0001372 , L0001373 , L0001374 ,
		L0001375 , L0001376 , L0001377 , L0001378 , L0001379 , L0001380 , L0001381 , L0001382 ,
		L0001383 , L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 , L0001390 ,
		L0001391 , L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 , L0001398 ,
		L0001399 , L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , L0001405 , L0001406 ,
		L0001407 , L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , L0001413 , L0001414 ,
		L0001415 , L0001416 , L0001417 , L0001418 , L0001419 , L0001420 , L0001421 , L0001422 ,
		L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 ,
		L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 ,
		L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 ,
		L0001447 , L0001448 , L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 ,
		L0001455 , L0001456 , L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 ,
		L0001463 , L0001464 , L0001465 , L0001466 , L0001467 , L0001468 , L0001469 , L0001470 ,
		L0001471 , L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 ,
		L0001479 , L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 ,
		L0001487 , L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 ,
		L0001495 , L0001496 , L0001497 , L0001498 , L0001499 , L0001500 , L0001501 , L0001502 ,
		L0001503 , L0001504 , L0001505 , L0001506 , L0001507 , L0001508 , L0001509 , L0001510 ,
		L0001511 , L0001512 , L0001513 , L0001514 , L0001515 ,

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                L0001516    , L0001517    , L0001518    ,
2548
2549            L0001519    , L0001520    , L0001521    , L0001522    , L0001523    ,
                L0001524    , L0001525    , L0001526    ,
2550  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***       10/22/25
2551   *** AERMET - VERSION  22112 ***
       ***                                                          ***
       10:09:16
2552
                                PAGE  23
2553   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2554
2555
2556                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***
2557
2558    URBAN ID   URBAN POP                                  SOURCE IDs
2559    --------   ---------                                  ----------
2560
2561
2562            L0001527    , L0001528    , L0001529    , L0001530    , L0001531    ,
                L0001532    , L0001533    , L0001534    ,
2563
2564            L0001535    , L0001536    , L0001537    , L0001538    , L0001539    ,
                L0001540    , L0001541    , L0001542    ,
2565
2566            L0001543    , L0001544    , L0001545    , L0001546    , L0001547    ,
                L0001548    , L0001549    , L0001550    ,
2567
2568            L0001551    , L0001552    , L0001553    , L0001554    , L0001555    ,
                L0001556    , L0001557    , L0001558    ,
2569
2570            L0001559    , L0001560    , L0001561    , L0001562    , L0001563    ,
                L0001564    , L0001565    , L0001566    ,
2571
2572            L0001567    , L0001568    , L0001569    , L0001570    , L0001571    ,
                L0001572    , L0001573    , L0001574    ,
2573
2574            L0001575    , L0001576    , L0001577    , L0001578    , L0001579    ,
                L0001580    , L0001581    , L0001582    ,
2575
2576            L0001583    , L0001584    , L0001585    , L0001586    , L0001587    ,
                L0001588    , L0001589    , L0001590    ,
2577
2578            L0001591    , L0001592    , L0001593    , L0001594    , L0001595    ,
                L0001596    , L0001597    , L0001598    ,
2579
2580            L0001599    , L0001600    , L0001601    , L0001602    , L0001603    ,
                L0001604    , L0001605    , L0001606    ,
2581
2582            L0001607    , L0001608    , L0001609    , L0001610    , L0001611    ,
                L0001612    , L0001613    , L0001614    ,
2583
2584            L0001615    , L0001616    , L0001617    , L0001618    , L0001619    ,
                L0001620    , L0001621    , L0001622    ,
2585
2586            L0001623    , L0001624    , L0001625    , L0001626    , L0001627    ,
                L0001628    , L0001629    , L0001630    ,
2587
2588            L0001631    , L0001632    , L0001633    , L0001634    , L0001635    ,
                L0001636    , L0001637    , L0001638    ,
2589
2590            L0001639    , L0001640    , L0001641    , L0001642    , L0001643    ,
                L0001644    , L0001645    , L0001646    ,
2591
2592            L0001647    , L0001648    , L0001649    , L0001650    , L0001651    ,
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                L0001652    , L0001653    , L0001654    ,
2593
2594            L0001655    , L0001656    , L0001657    , L0001658    , L0001659    ,
                L0001660    , L0001661    , L0001662    ,
2595
2596            L0001663    , L0001664    , L0001665    , L0001666    , L0001667    ,
                L0001668    , L0001669    , L0001670    ,
2597
2598            L0001671    , L0001672    , L0001673    , L0001674    , L0001675    ,
                L0001676    , L0001677    , L0001678    ,
2599
2600            L0001679    , L0001680    , L0001681    , L0001682    , L0001683    ,
                L0001684    , L0001685    , L0001686    ,
2601  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
2602   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       10:09:16
2603
                                PAGE  24
2604   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2605
2606
2607                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***
2608
2609    URBAN ID   URBAN POP                                  SOURCE IDs
2610    --------   ---------                                  ----------
2611
2612
2613            L0001687    , L0001688    , L0001689    , L0001690    , L0001691    ,
                L0001692    , L0001693    , L0001694    ,
2614
2615            L0001695    , L0001696    , L0001697    , L0001698    , L0001699    ,
                L0001700    , L0001701    , L0001702    ,
2616
2617            L0001703    , L0001704    , L0001705    , L0001706    , L0001707    ,
                L0001708    , L0001709    , L0001710    ,
2618
2619            L0001711    , L0001712    , L0001713    , L0001714    , L0001715    ,
                L0001716    , L0001717    , L0001718    ,
2620
2621            L0001719    , L0001720    , L0001721    , L0001722    , L0001723    ,
                L0001724    , L0001725    , L0001726    ,
2622
2623            L0001727    , L0001728    , L0001729    , L0001730    , L0001731    ,
                L0001732    , L0001733    , L0001734    ,
2624
2625            L0001735    , L0001736    , L0001737    , L0001738    , L0001739    ,
                L0001740    , L0001741    , L0001742    ,
2626
2627            L0001743    , L0001744    , L0001745    , L0001746    , L0001747    ,
                L0001748    , L0001749    , L0001750    ,
2628
2629            L0001751    , L0001752    , L0001753    , L0001754    , L0001755    ,
                STCK1       ,
2630  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
2631   *** AERMET - VERSION  22112 ***
       ***                                                              ***
       10:09:16
2632
                                PAGE  25
2633   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2634
2635                                        *** DIRECTION SPECIFIC BUILDING DIMENSIONS ***
2636
```

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	18.3,	326.4,	380.8,	-369.4,	75.5,	2	18.3,	371.3,	410.7,	-395.5,	43.5,
3	18.3,	405.0,	428.1,	-409.5,	10.2,	4	18.3,	426.4,	432.5,	-411.1,	-23.4,
5	18.3,	434.8,	423.7,	-400.1,	-56.3,	6	18.3,	430.0,	402.1,	-377.1,	-87.5,
7	18.3,	412.2,	368.2,	-342.5,	-116.1,	8	18.3,	381.8,	323.2,	-297.6,	-141.1,
9	18.3,	340.3,	274.6,	-244.1,	-162.0,	10	18.3,	380.8,	326.4,	-238.7,	-179.0,
11	18.3,	410.7,	371.3,	-229.2,	-190.1,	12	18.3,	428.1,	405.0,	-212.7,	-195.4,
13	18.3,	432.5,	426.4,	-189.8,	-194.8,	14	18.3,	423.7,	434.8,	-161.1,	-188.3,
15	18.3,	402.1,	430.0,	-127.5,	-176.0,	16	18.3,	368.2,	412.2,	-90.0,	-158.4,
17	18.3,	323.2,	381.8,	-49.8,	-136.0,	18	18.3,	274.6,	340.3,	-8.1,	-106.8,
19	18.3,	326.4,	380.8,	-11.4,	-75.5,	20	18.3,	371.3,	410.7,	-15.2,	-43.5,
21	18.3,	405.0,	428.1,	-18.6,	-10.2,	22	18.3,	426.4,	432.5,	-21.4,	23.4,
23	18.3,	434.8,	423.7,	-23.6,	56.3,	24	18.3,	430.0,	402.1,	-25.0,	87.5,
25	18.3,	412.2,	368.2,	-25.7,	116.1,	26	18.3,	381.8,	323.2,	-25.6,	141.1,
27	18.3,	340.3,	274.6,	-30.6,	162.0,	28	18.3,	380.8,	326.4,	-87.7,	179.0,
29	18.3,	410.7,	371.3,	-142.2,	190.1,	30	18.3,	428.1,	405.0,	-192.3,	195.4,
31	18.3,	432.5,	426.4,	-236.6,	194.8,	32	18.3,	423.7,	434.8,	-273.8,	188.3,
33	18.3,	402.1,	430.0,	-302.6,	176.0,	34	18.3,	368.2,	412.2,	-322.2,	158.4,
35	18.3,	323.2,	381.8,	-332.0,	136.0,	36	18.3,	274.6,	340.3,	-332.2,	106.8,

FF *** AERMOD - VERSION 24142 *** *** C:\Users\Alyssa Barnett\Desktop\HRA\16568\16568-02 Operations\16568- *** 10/22/25

*** AERMET - VERSION 22112 *** *** ***

10:09:16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = STCK1 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															

```
2674       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .1000E+01
2675       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2676      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2677                                                  DAY OF WEEK = WEDNESDY
2678       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2679       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2680      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2681                                                  DAY OF WEEK = THURSDAY
2682       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2683       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2684      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2685                                                  DAY OF WEEK = FRIDAY
2686       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2687       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2688      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2689                                                  DAY OF WEEK = SATURDAY
2690       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2691       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2692      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2693                                                  DAY OF WEEK = SUNDAY
2694       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
           .0000E+00    7  .0000E+00    8  .0000E+00
2695       9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
           .0000E+00   15  .0000E+00   16  .0000E+00
2696      17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
           .0000E+00   23  .0000E+00   24  .0000E+00
2697  FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
      Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
2698   *** AERMET - VERSION  22112 ***
       ***                                                                    ***
       10:09:16
2699
                                  PAGE  27
2700   *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2701
2702                                            *** DISCRETE CARTESIAN RECEPTORS ***
2703                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2704                                                        (METERS)
2705
2706        ( 483094.1, 3733555.8,     436.1,     436.1,       0.0);         ( 483302.2,
           3733579.2,     437.1,     437.1,       0.0);
2707        ( 483075.7, 3732849.8,     436.4,     436.4,       0.0);         ( 482867.4,
           3732844.3,     435.9,     435.9,       0.0);
2708        ( 483195.1, 3733503.4,     436.6,     436.6,       0.0);         ( 483154.5,
           3733554.2,     436.4,     436.4,       0.0);
2709        ( 483244.8, 3733552.8,     436.8,     436.8,       0.0);         ( 483175.0,
           3733572.0,     436.5,     436.5,       0.0);
2710        ( 483199.2, 3733572.8,     436.6,     436.6,       0.0);         ( 483176.8,
           3733587.4,     436.5,     436.5,       0.0);
2711        ( 483300.9, 3733610.1,     437.1,     437.1,       0.0);         ( 483364.9,
           3733616.6,     437.0,     437.0,       0.0);
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2712        ( 483306.8, 3733710.6,     436.7,     436.7,       0.0);         ( 483365.8,
            3733685.7,     436.9,     436.9,       0.0);
2713        ( 483489.0, 3733628.9,     437.4,     437.4,       0.0);         ( 484157.2,
            3733885.8,     442.2,     442.2,       0.0);
2714        ( 483716.3, 3733023.0,     438.1,     438.1,       0.0);         ( 483726.5,
            3732835.3,     438.0,     438.0,       0.0);
2715        ( 483628.0, 3732848.9,     437.5,     437.5,       0.0);         ( 483310.6,
            3732784.0,     437.1,     437.1,       0.0);
2716        ( 482988.5, 3732811.0,     436.0,     436.0,       0.0);         ( 482965.3,
            3732850.8,     436.0,     436.0,       0.0);
2717        ( 482822.1, 3732840.0,     436.3,     436.3,       0.0);         ( 482867.9,
            3732831.2,     436.0,     436.0,       0.0);
2718        ( 482933.9, 3733606.2,     435.5,     435.5,       0.0);         ( 482853.7,
            3733596.1,     436.0,     436.0,       0.0);
2719    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
2720     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         10:09:16
2721
                                    PAGE  28
2722     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2723
2724                                                *** METEOROLOGICAL DAYS SELECTED FOR
                                                    PROCESSING ***
2725                                                                (1=YES; 0=NO)
2726
2727                1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                    1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
2728                1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                    1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
2729                1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                    1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
2730                1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                    1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
2731                1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                    1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
2732                1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                    1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
2733                1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                    1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
2734                1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
2735
2736                    NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT
                        IS INCLUDED IN THE DATA FILE.
2737
2738
2739
2740                                    *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
                                        CATEGORIES ***
2741                                                        (METERS/SEC)
2742
2743                                                   1.54,   3.09,   5.14,   8.23,  10.80,
2744    FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
        Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
2745     *** AERMET - VERSION  22112 ***
         ***                                                                ***
         10:09:16
2746
                                    PAGE  29
2747     *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
2748
2749                                        *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA
                                            ***
2750
2751       Surface file:
```

..\PERI_V11_trimmed.sfc
Met Version: 22112
Profile file:
..\PERI_V11_trimmed.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2016 Year: 2016

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
16	01	01	1	01	-21.3	0.220	-9.000	-9.000	-999.	248.	53.3	0.06	0.53	1.00	3.11	342.	11.6	279.8	5.4
16	01	01	1	02	-23.0	0.238	-9.000	-9.000	-999.	278.	62.2	0.06	0.53	1.00	3.35	343.	11.6	279.6	5.4
16	01	01	1	03	-19.6	0.202	-9.000	-9.000	-999.	218.	44.9	0.06	0.53	1.00	2.87	342.	11.6	279.1	5.4
16	01	01	1	04	-15.2	0.175	-9.000	-9.000	-999.	176.	33.8	0.06	0.53	1.00	2.51	340.	11.6	278.7	5.4
16	01	01	1	05	-4.4	0.093	-9.000	-9.000	-999.	70.	15.7	0.06	0.53	1.00	1.36	335.	11.6	277.5	5.4
16	01	01	1	06	-13.9	0.167	-9.000	-9.000	-999.	164.	30.7	0.06	0.53	1.00	2.41	337.	11.6	278.0	5.4
16	01	01	1	07	-7.6	0.122	-9.000	-9.000	-999.	102.	20.5	0.06	0.53	1.00	1.80	356.	11.6	277.3	5.4
16	01	01	1	08	-25.5	0.388	-9.000	-9.000	-999.	579.	197.5	0.09	0.53	0.53	4.73	74.	10.1	274.3	5.4
16	01	01	1	09	22.4	0.406	0.330	0.005	55.	621.	-258.7	0.09	0.53	0.32	4.70	79.	10.1	277.2	5.4
16	01	01	1	10	55.5	0.399	0.599	0.005	134.	605.	-99.0	0.09	0.53	0.25	4.46	85.	10.1	283.0	5.4
16	01	01	1	11	78.4	0.108	0.975	0.005	409.	229.	-1.4	0.06	0.53	0.22	0.82	331.	11.6	286.7	5.4
16	01	01	1	12	85.7	0.137	1.097	0.005	532.	123.	-2.6	0.04	0.53	0.21	1.30	34.	11.6	288.6	5.4
16	01	01	1	13	85.3	0.107	1.147	0.005	611.	84.	-1.2	0.04	0.53	0.21	0.89	48.	11.6	290.2	5.4
16	01	01	1	14	61.6	0.118	1.057	0.005	662.	97.	-2.3	0.06	0.53	0.22	0.96	9.	11.6	290.5	5.4
16	01	01	1	15	45.7	0.115	1.038	0.005	844.	93.	-2.9	0.06	0.53	0.26	0.99	352.	11.6	290.7	5.4
16	01	01	1	16	14.9	0.098	0.732	0.005	908.	73.	-5.4	0.04	0.53	0.35	1.03	41.	11.6	289.9	5.4
16	01	01	1	17	-13.7	0.171	-9.000	-9.000	-999.	169.	32.1	0.04	0.53	0.63	2.63	59.	11.6	287.2	5.4
16	01	01	1	18	-17.5	0.186	-9.000	-9.000	-999.	193.	38.2	0.04	0.53	1.00	2.86	43.	11.6	284.7	5.4
16	01	01	1	19	-18.1	0.193	-9.000	-9.000	-999.	204.	41.1	0.06	0.53	1.00	2.70	15.	11.6	283.9	5.4
16	01	01	1	20	-11.3	0.151	-9.000	-9.000	-999.	141.	26.4	0.06	0.53	1.00	2.15	10.	11.6	283.3	5.4
16	01	01	1	21	-4.4	0.094	-9.000	-9.000	-999.	69.	16.1	0.06	0.53	1.00	1.35	17.	11.6	283.0	5.4
16	01	01	1	22	-3.0	0.077	-9.000	-9.000	-999.	52.	13.5	0.04	0.53	1.00	1.16	36.	11.6	282.6	5.4
16	01	01	1	23	-2.4	0.074	-9.000	-9.000	-999.	48.	14.3	0.06	0.53	1.00	0.95	360.	11.6	281.7	5.4

```
 16 01 01   1 24   -1.7  0.068 -9.000 -9.000 -999.   43.     15.7  0.06   0.53   1.00
  0.74  334.   11.6  280.6    5.4


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 16 01 01 01    5.4 0 -999.  -99.00   279.8   99.0  -99.00  -99.00
 16 01 01 01   11.6 1  342.    3.11  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
Barnett\Desktop\HRA\16568\16568-02 Operations\16568- ***        10/22/25
 *** AERMET - VERSION  22112 ***
 ***                                                                  ***
 10:09:16

                              PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES
                              FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0001756    , L0001757    ,
                                  L0001758    , L0001759    , L0001760    ,
                 L0001761    , L0001762    , L0001763    , L0001764    , L0001765    ,
                 L0001766    , L0001767    , L0001768    ,
                 L0001769    , L0001770    , L0001771    , L0001772    , L0001773    ,
                 L0001774    , L0001775    , L0001776    ,
                 L0001777    , L0001778    , L0001779    , L0001780    , L0001781    ,
                 L0001782    , L0001783    ,  . . .      ,


                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF DPM      IN
                                     MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         483094.15    3733555.79        0.00865                      483302.16
         3733579.24        0.00882
         483075.66    3732849.84        0.00823                      482867.38
         3732844.32        0.00562
         483195.12    3733503.38        0.01102                      483154.46
         3733554.20        0.00876
         483244.78    3733552.84        0.00890                      483174.96
         3733571.99        0.00816
         483199.20    3733572.84        0.00808                      483176.83
         3733587.41        0.00780
         483300.88    3733610.12        0.00843                      483364.94
         3733616.56        0.00489
         483306.81    3733710.62        0.00447                      483365.79
         3733685.70        0.00393
         483488.99    3733628.93        0.00321                      484157.21
         3733885.83        0.00074
         483716.28    3733023.00        0.00255                      483726.49
         3732835.33        0.00226
         483627.97    3732848.86        0.00300                      483310.58
         3732784.00        0.00565
         482988.51    3732811.05        0.00611                      482965.33
         3732850.79        0.00714
         482822.09    3732840.02        0.00500                      482867.90
         3732831.19        0.00534
         482933.91    3733606.17        0.00683                      482853.70
         3733596.13        0.00617
FF *** AERMOD - VERSION 24142  ***   *** C:\Users\Alyssa
```

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01102	AT (483195.12, 3733503.38, 436.63, 436.63, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00890	AT (483244.78, 3733552.84, 436.79, 436.79, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00882	AT (483302.16, 3733579.24, 437.08, 437.08, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00876	AT (483154.46, 3733554.20, 436.41, 436.41, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00865	AT (483094.15, 3733555.79, 436.09, 436.09, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00843	AT (483300.88, 3733610.12, 437.11, 437.11, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00823	AT (483075.66, 3732849.84, 436.35, 436.35, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00816	AT (483174.96, 3733571.99, 436.46, 436.46, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00808	AT (483199.20, 3733572.84, 436.55, 436.55, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00780	AT (483176.83, 3733587.41, 436.47, 436.47, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 598 Informational Message(s)

A Total of 43848 Hours Were Processed

```
2868
2869    A Total of          227 Calm Hours Identified
2870
2871    A Total of          371 Missing Hours Identified (  0.85 Percent)
2872
2873
2874       ******** FATAL ERROR MESSAGES ********
2875                  ***  NONE  ***
2876
2877
2878       ********   WARNING MESSAGES   ********
2879    SO W320    1327        PPARM: Input Parameter May Be Out-of-Range for
           Parameter            VS
2880    ME W186    1414       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
           used           0.50
2881    ME W187    1414       MEOPEN: ADJ_U* Option for Stable Low Winds used in
           AERMET
2882
2883       ***********************************
2884       *** AERMOD Finishes Successfully ***
2885       ***********************************
2886
2887
```

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APPENDIX 2.3:

RISK CALCULATION

Construction Risk

Receptor No.	Age Bin	DPM Conc. ($\mu g/m^3$)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1	0 to 2	0.02810	250	0.70	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.1E-05	2.20	5.0E+00	1.4E-03	5.6E-03						
												Total	2.20			5.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2 (MEIR)	0 to 2	0.04740	250	0.70	1090	1	70	1.00	10	3.0E-04	1.1E+00	3.5E-05	3.71	5.0E+00	1.4E-03	9.5E-03						
												Total	3.71			9.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	0 to 2	0.02150	250	0.70	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.6E-05	1.68	5.0E+00	1.4E-03	4.3E-03						
												Total	1.68			4.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	0 to 2	0.01339	250	1.07	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.0E-05	1.60	5.0E+00	1.4E-03	2.7E-03						
												Total	1.60			2.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5 (MEIW)	16 to 41	0.003239	250	0.70	230	1	70	1.00	1	3.0E-04	1.1E+00	5.1E-07	0.01	5.0E+00	1.4E-03	6.5E-04						
												Total	0.01			6.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6 (MEISC)	4 to 13	0.0015	180	1.15	572	1	70	1.00	3	3.0E-04	1.1E+00	4.2E-07	0.02	5.0E+00	1.4E-03	3.0E-04						
												Total	0.02			3.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk

Receptor No.	Age Bin	DPM Conc. (µg/m^3)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1	-0.25 to 0	0.00865	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	3.0E-06	0.10	5.0E+00	1.4E-03	1.7E-03						
	0 to 2	0.00865	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	9.0E-06	2.31	5.0E+00	1.4E-03	1.7E-03						
	2 to 16	0.00865	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.7E-06	2.15	5.0E+00	1.4E-03	1.7E-03						
	16 to 30	0.00865	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.2E-06	0.33	5.0E+00	1.4E-03	1.7E-03						
												Total	4.88			1.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2 (MEIR)	-0.25 to 0	0.00882	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	3.1E-06	0.10	5.0E+00	1.4E-03	1.8E-03						
	0 to 2	0.00882	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	9.2E-06	2.35	5.0E+00	1.4E-03	1.8E-03						
	2 to 16	0.00882	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.8E-06	2.19	5.0E+00	1.4E-03	1.8E-03						
	16 to 30	0.00882	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.2E-06	0.34	5.0E+00	1.4E-03	1.8E-03						
												Total	4.98			1.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	-0.25 to 0	0.00823	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	2.8E-06	0.09	5.0E+00	1.4E-03	1.6E-03						
	0 to 2	0.00823	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	8.6E-06	2.19	5.0E+00	1.4E-03	1.6E-03						
	2 to 16	0.00823	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.5E-06	2.05	5.0E+00	1.4E-03	1.6E-03						
	16 to 30	0.00823	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.1E-06	0.32	5.0E+00	1.4E-03	1.6E-03						
												Total	4.65			1.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	-0.25 to 0	0.00562	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.9E-06	0.06	5.0E+00	1.4E-03	1.1E-03						
	0 to 2	0.00562	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.9E-06	1.50	5.0E+00	1.4E-03	1.1E-03						
	2 to 16	0.00562	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	3.1E-06	1.40	5.0E+00	1.4E-03	1.1E-03						
	16 to 30	0.00562	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.4E-06	0.22	5.0E+00	1.4E-03	1.1E-03						
												Total	3.17			1.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5 (MEIW)	16 to 41	0.01102	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	1.7E-06	0.65	5.0E+00	1.4E-03	2.2E-03						
												Total	0.65			2.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6 (MEISC)	4 to 13	0.00074	180	9.00	572	1	70	1.00	3	3.0E-04	1.1E+00	2.1E-07	0.08	5.0E+00	1.4E-03	1.5E-04						
												Total	0.08			1.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

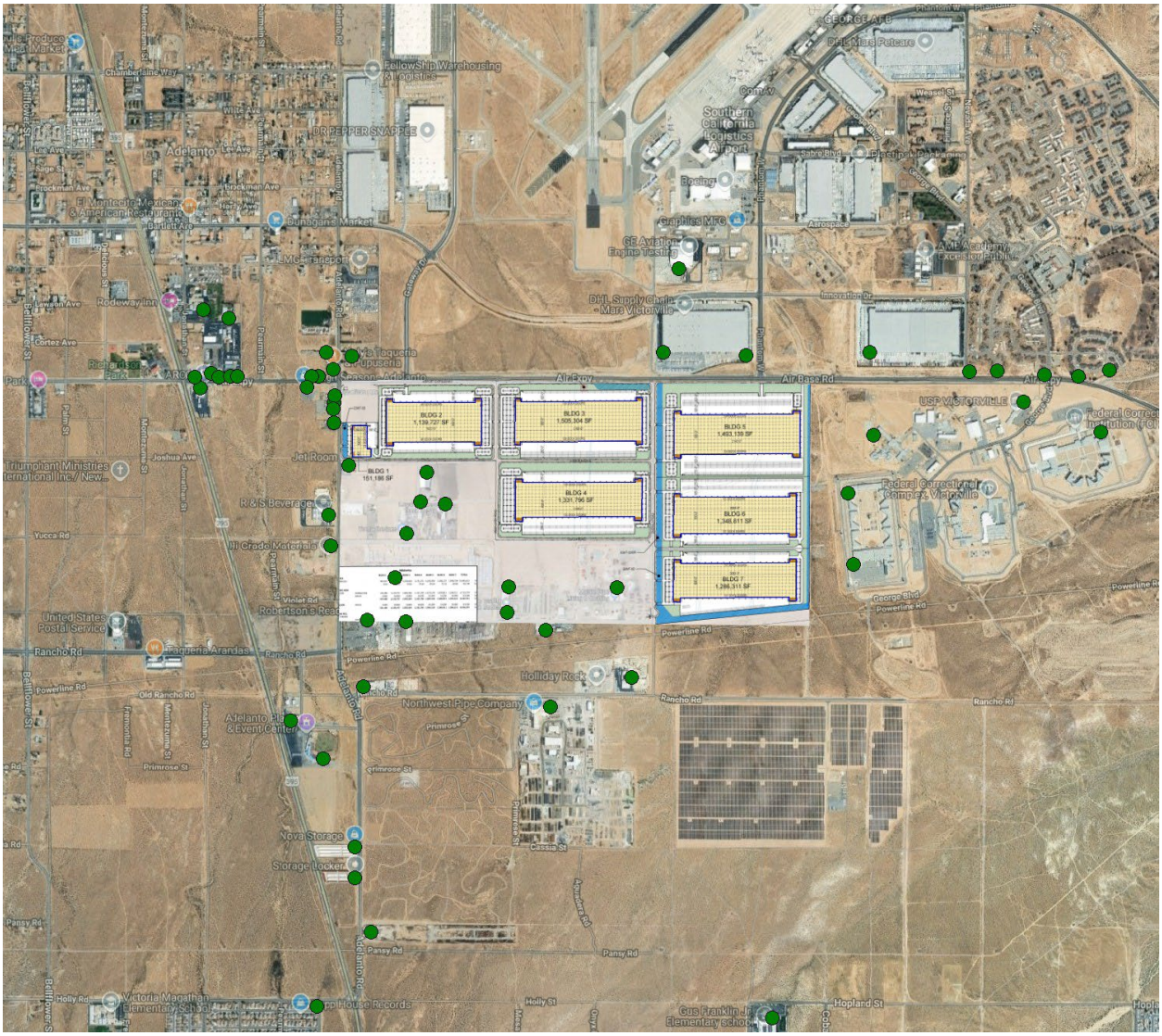
Combined Construction and Operational Risk

Receptor No.	Age Bin	DPM Conc. (µg/m^3)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1	0 to 2	0.02810	250	0.70	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.1E-05	2.20	5.0E+00	1.4E-03	5.6E-03						
	0 to 2	0.00865	350	1.30	1090	1	70	0.85	10	3.0E-04	1.1E+00	9.0E-06	1.50	5.0E+00	1.4E-03	1.7E-03						
	2 to 16	0.00865	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.7E-06	2.15	5.0E+00	1.4E-03	1.7E-03						
	16 to 30	0.00865	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.2E-06	0.33	5.0E+00	1.4E-03	1.7E-03						
												Total	6.18			5.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2 (MEIR)	0 to 2	0.04740	250	0.70	1090	1	70	1.00	10	3.0E-04	1.1E+00	3.5E-05	3.71	5.0E+00	1.4E-03	9.5E-03						
	0 to 2	0.00882	350	1.30	1090	1	70	0.85	10	3.0E-04	1.1E+00	9.2E-06	1.53	5.0E+00	1.4E-03	1.8E-03						
	2 to 16	0.00882	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.8E-06	2.19	5.0E+00	1.4E-03	1.8E-03						
	16 to 30	0.00882	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.2E-06	0.34	5.0E+00	1.4E-03	1.8E-03						
												Total	7.77			9.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	0 to 2	0.02150	250	0.70	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.6E-05	1.68	5.0E+00	1.4E-03	4.3E-03						
	0 to 2	0.00823	350	1.30	1090	1	70	0.85	10	3.0E-04	1.1E+00	8.6E-06	1.43	5.0E+00	1.4E-03	1.6E-03						
	2 to 16	0.00823	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.5E-06	2.05	5.0E+00	1.4E-03	1.6E-03						
	16 to 30	0.00823	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.1E-06	0.32	5.0E+00	1.4E-03	1.6E-03						
												Total	5.47			4.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	0 to 2	0.01339	250	0.70	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.0E-05	1.05	5.0E+00	1.4E-03	2.7E-03						
	0 to 2	0.00562	350	1.30	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.9E-06	0.97	5.0E+00	1.4E-03	1.1E-03						
	2 to 16	0.00562	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	3.1E-06	1.40	5.0E+00	1.4E-03	1.1E-03						
	16 to 30	0.00562	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.4E-06	0.22	5.0E+00	1.4E-03	1.1E-03						
												Total	3.64			2.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5 (MEIW)	16 to 41	0.003239	250	0.70	230	1	70	1.00	1	3.0E-04	1.1E+00	5.1E-07	0.01	5.0E+00	1.4E-03	6.5E-04						
	16 to 41	0.01102	250	24.30	230	1	70	1.00	1	3.0E-04	1.1E+00	1.7E-06	0.63	5.0E+00	1.4E-03	2.2E-03						
												Total	0.64			2.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6 (MEISC)	4 to 13	0.00150	180	0.70	572	1	70	1.00	3	3.0E-04	1.1E+00	4.2E-07	0.01	5.0E+00	1.4E-03	3.0E-04						
	4 to 13	0.00074	180	8.30	572	1	70	1.00	3	3.0E-04	1.1E+00	2.1E-07	0.08	5.0E+00	1.4E-03	1.5E-04						
												Total	0.09			3.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

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APPENDIX 2.4:

RECEPTORS MODELED IN AERMOD


Air Base Rd
Air Expy
Rancho Rd
Powerline Rd
Joshua Ave
Yucca Rd
Old Rancho Rd
Primrose St
Violet Rd
Pansy Rd
Holly St
Hopland St
Cortez Ave
Rodeway Inn
Jet Room
R & S Beverage
United States Postal Service
Northwest Pipe Company
Holliday Rock
Nova Storage
Storage Rockets
Adelanto Flea & Event Center
Victoria Magathan Elementary School
Gus Franklin Jr. Elementary School
USP VICTORVILLE
Federal Correctional Complex Victorville
Southern California Logistics Airport
Boeing
DHL Supply Chain - Mars Victorville
GE Aviation Engine Testing
Saphikos MFG
DR PEPPER SNAPPLE
Fellowship Warehousing & Logistics
Adelanto Dr
Bellflower St
Air Base Rd
Powerline Rd
Rancho Rd
Adelanto Rd

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