11.7 Air Quality Assessment/ Health Risk Assessment

Air Quality Impact Assessment

3800 Via Oro Project

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Appendix A: Air Quality Modeling Data

LIST OF ABBREVIATED TERMS

AQMP	air quality management plan
ADT	average daily traffic
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAAQS	California Ambient Air Quality Standards
CCAA	California Clean Air Act
CalEEMod	California Emissions Estimator Model
CEQA	California Environmental Quality Act
CO	carbon monoxide
DPM	diesel particulate matter
EPA	Environmental Protection Agency
FCAA	Federal Clean Air Act
H_2S	hydrogen sulfide
Pb	lead
LST	localized significance threshold
$\mu g/m^3$	micrograms per cubic meter
mg/m^3	milligrams per cubic meter
NAAQS	National Ambient Air Quality Standards
NO_2	nitrogen dioxide
NO_x	nitrogen oxide
O_3	ozone
PM10	particulate matter less than 10 microns in diameter
PM2.5	particulate matter less than 2.5 microns in diameter
ppm	parts per million
ROG	reactive organic gases
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
SB	Senate Bill
SRA	source receptor area
SCAQMD	South Coast Air Quality Management District
SCAG	Southern California Association of Governments
sf	square foot
SO_{4-2}	sulfates
SO_2	sulfur dioxide
TAC	toxic air contaminant
C_2H_3Cl	vinyl chloride
VOC	volatile organic compound

1.0 INTRODUCTION

This report documents the results of an Air Quality Impact Assessment completed for the 3800 Via Oro Avenue Project ("Project" or "proposed Project"). The purpose of this Air Quality Assessment is to evaluate the air quality emissions associated with construction and operations of the Project and determine the level of impact the Project would have on the environment.

1.1 Project Location

The proposed Project Site is located at 3800 Via Oro Avene in the City of Long Beach (City) and is identified as Assessor Parcel Number (APN) 7310-016-086. The Project Site is located in the northwestern portion of the City at the intersection of Via Oro Avenue and Hughes Way. The City lies within southeast Los Angeles County and is approximately 16 miles south of downtown Los Angeles. The City borders the Pacific Ocean to the south; the cities of Carson and Los Angeles to the west; the cities of Compton, Paramount, and Bellflower to the north; the cities of Lakewood, Hawaiian Gardens, and unincorporated Orange County to the east. The Los Angeles River is approximately 1,062 feet (0.01 miles) east of the Project Site. **Exhibit 1: Regional Location Map** depicts the proposed Project Site in a regional context.

The proposed Project Site is currently developed with a 36,697 square-feet (sf) television broadcast facility with 18 satellites, and a surface parking lot to the north of the building. The northeast corner of the site is vacant and undeveloped with disturbed non-native vegetation, and the and the southeast corner of the site is undeveloped and graded (solar panels covering this area were removed in June 2025).The Project Site is bounded by Interstate 710 (I-710) to the east, Hughes Way to the south, and Via Oro Avenue to the west. Existing industrial, manufacturing, commercial, and office uses are located to the north of the Project Site, commercial and office uses are located to the south of the Project Site, and commercial and office uses are located to the east of the Project Site. **Exhibit 2: Local Vicinity Map**, depicts the proposed Project Site in a local setting. The I-710, located immediately east of the Project Site, and Interstate 405 (I-405), located approximately 0.15 miles south of the site, provide regional access to the Project Site.

1.2 Project Description

The Project applicant proposes to demolish the existing structures, at-grade parking, landscaping, and satellites on the Project Site and redevelop the site with one to two speculative industrial buildings. Because the future tenants are currently unknown, and because a variety of industrial uses would be permitted, the analysis includes potential future land-use options. The proposed land uses are depicted on **Exhibit 3: Conceptual Site Plan**.

Manufacturing, Warehousing, and Office

The Project would include a 332,090 sf concrete tilt-up speculative industrial building that could be used for a mix of manufacturing, warehousing and office uses consistent with the existing PD-26 (Subarea III) zoning for the Project Site. The exact mix of uses is not yet known as there is no tenant identified. A mix of uses was determined to be both reasonably foreseeable and conservative in that it represents the most traffic generation from the potential uses that could occupy the proposed building. This mix of uses assumes that the primary use of the building would be manufacturing (152,433 sf), warehousing (155,657 sf), and ancillary office space (24,000 sf). The building would

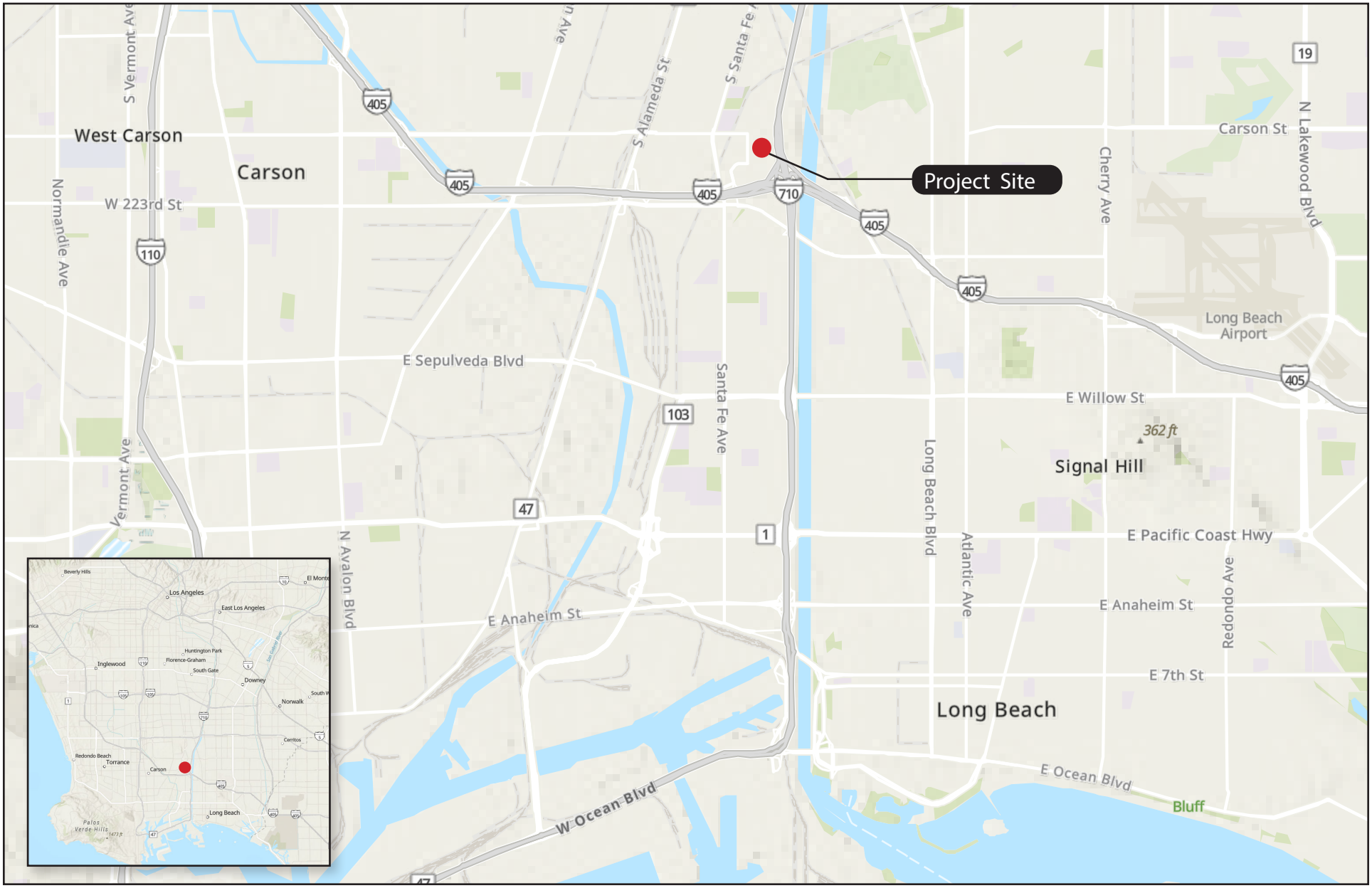
include a mezzanine and be 36 feet tall. The building would have a street setback of 25 feet and an interior and rear setback of 20 feet along Hughes Way.

The Project would include approximately 333 parking stalls, of which 256 would be standard stalls, 2 carpool and van accessible stalls, 6 standard accessible stalls, and 67 Electric Vehicle (EV) capable stalls. The Project would provide approximately 34 bicycle parking spaces. The building would feature 38 truck high-dock doors along the northern side of the building.

Construction Activities

Construction of the Project would include the demolition of the existing structures, at-grade parking, landscaping, and satellites at the Project Site. Construction is estimated to last for approximately 19 months. The Project could therefore be fully operational as early as June of 2028. The buildings are expected to be poured in place, tilt-up style concrete.

Because of the developed nature of the site, grading would likely be minimal, and soils would generally be balanced on site. The proposed haul route for demolition removal or delivery of supplies would be via Hughes Way which offers direct access to and from northbound I-405. Trucks would utilize Warnock Way and Santa Fe Avenue if coming from or to southbound I-405, which offers connections to the northbound and southbound lanes of the I-710. There would be approximately 9,900 tons of demolition and no anticipated import or export of soil.



SOURCE: ArcGIS Pro, 2025

EXHIBIT 1: Regional Location Map

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SOURCE: Nearmap, 2025

EXHIBIT 2: Local Vicinity Map

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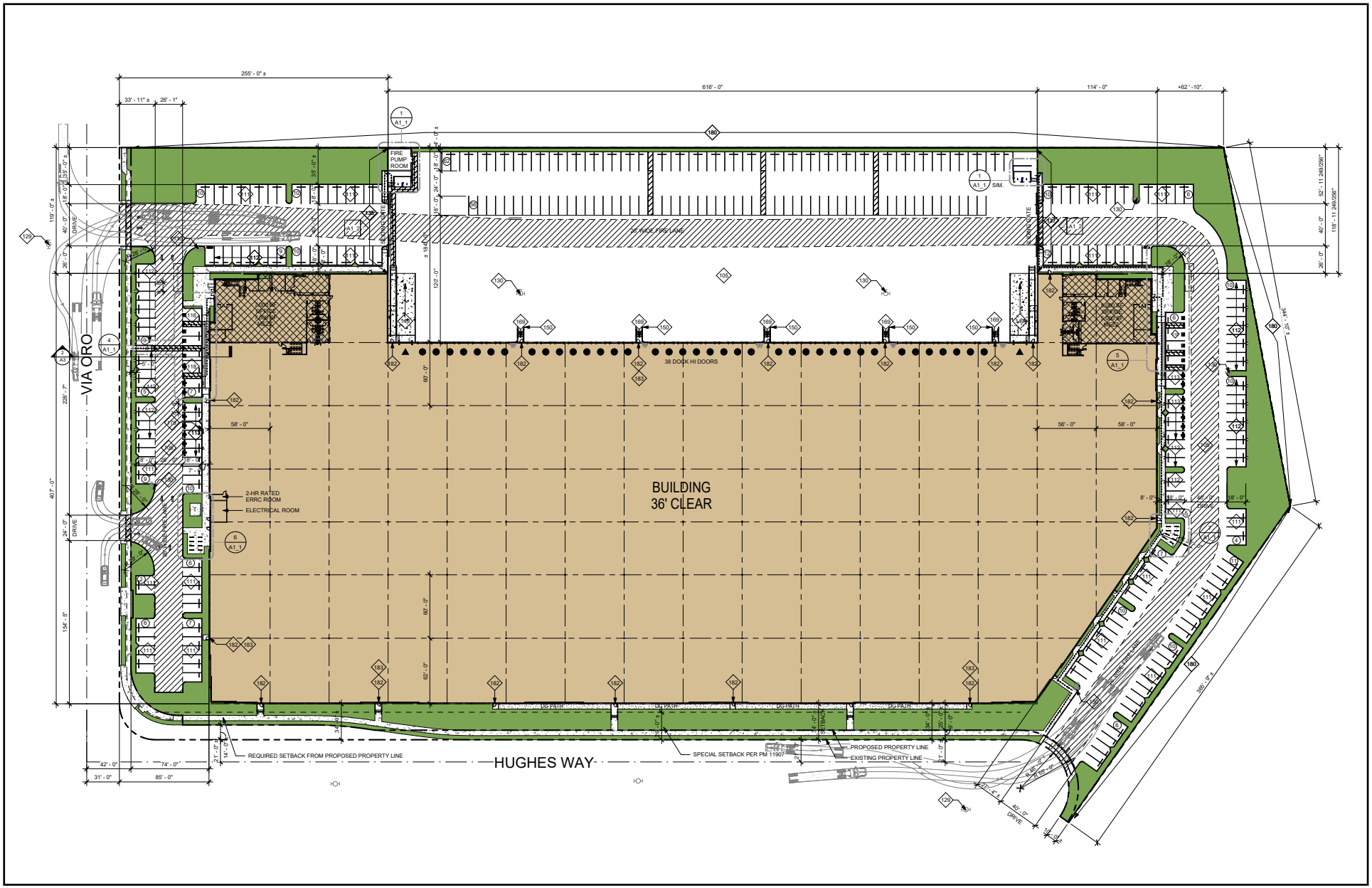

EXHIBIT 3: Conceptual Site Plan

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2.0 ENVIRONMENTAL SETTING

2.1 Climate and Meteorology

The California Air Resources Board (CARB) divides the State into 15 air basins that share similar meteorological and topographical features. The Project is located within the South Coast Air Basin (Basin), which includes the non-desert portions of Los Angeles, Riverside, and San Bernardino counties, as well as all of Orange County. The Basin is on a coastal plain with connecting broad valleys and low hills, bounded by the Pacific Ocean on the southwest and high mountains forming the remainder of the perimeter.[1] Air quality in this area is determined by natural factors such as topography, meteorology, and climate, in addition to the presence of existing air pollution sources and ambient conditions. These factors along with applicable regulations are discussed below.

The Basin is part of a semi-permanent high-pressure zone in the eastern Pacific. As a result, the climate is mild and tempered by cool sea breezes. This usually mild weather pattern is occasionally interrupted by periods of extreme heat, winter superstorms, and Santa Ana winds. The annual average temperature throughout the 6,645-square-mile Basin ranges from low 60 to high 80 degrees Fahrenheit with little variance. With more oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas.

Contrasting the steady pattern of temperature, rainfall is seasonally and annually highly variable. Almost all annual rainfall occurs between the months of November and April. Summer rainfall is reduced to widely scattered thundershowers near the coast, with slightly heavier activity in the east and over the mountains.

Although the Basin has a semiarid climate, the air closer to the Earth's surface is typically moist because of the presence of a shallow marine layer. Except for occasional periods when dry, continental air is brought into the Basin by offshore winds, the "ocean effect" is dominant. Periods of heavy fog are frequent and low clouds known as high fog are characteristic climatic features, especially along the coast. Annual average humidity is 70 percent at the coast and 57 percent in the eastern portions of the Basin.

Wind patterns across the Basin are characterized by westerly or southwesterly on-shore winds during the day and easterly or northeasterly breezes at night. Wind speed is typically higher during the dry summer months than during the rainy winter. Between periods of wind, air stagnation may occur in both the morning and evening hours. Air stagnation is one of the critical determinants of air quality conditions on any given day. During winter and fall, surface high-pressure systems over the Basin, combined with other meteorological conditions, result in very strong, downslope Santa Ana winds. These winds normally continue for a few days before predominant meteorological conditions are reestablished.

The mountain ranges to the east affect the diffusion of pollutants by inhibiting the eastward transport of pollutants. Air quality in the Basin generally ranges from fair to poor and is similar to air quality in

[1] South Coast Air Quality Management District, *CEQA Air Quality Handbook*, 1993.

most of coastal Southern California. The entire region experiences heavy concentrations of air pollutants during prolonged periods of stable atmospheric conditions.

In addition to the characteristic wind patterns that affect the rate and orientation of horizontal pollutant transport, two distinct types of temperature inversions control the vertical depth through which air pollutants are mixed. These inversions are the marine inversion and the radiation inversion. The height of the base of the inversion at any given time is called the "mixing height." The combination of winds and inversions is a critical determinant leading to highly degraded air quality for the Basin in the summer and generally good air quality in the winter.

2.2 Air Pollutants of Concern

The air pollutants emitted into the ambient air by stationary and mobile sources are regulated by State and federal laws. These regulated air pollutants are known as "criteria air pollutants" and are categorized into primary and secondary pollutants.

Primary air pollutants are emitted directly from sources. Carbon monoxide (CO), reactive organic gases (ROG), nitrogen oxide (NO_X), sulfur dioxide (SO_2), coarse particulate matter (PM10), fine particulate matter (PM2.5), and lead are primary air pollutants. Of these, CO, NO_X, SO_2, PM10, and PM2.5 are primary criteria pollutants. ROG and NO_X are criteria pollutant precursors and form secondary criteria pollutants through chemical and photochemical reactions in the atmosphere. For example, the criteria pollutant ozone (O_3) is formed by a chemical reaction between ROG and NO_X in the presence of sunlight. O_3 and nitrogen dioxide (NO_2) are the principal secondary pollutants. Sources and health effects commonly associated with criteria pollutants are summarized in Table 1: Air Contaminants and Associated Public Health Concerns.

Table 1: Air Contaminants and Associated Public Health Concerns

Pollutant	Major Man-Made Sources	Human Health Effects
Particulate Matter (PM10 and PM2.5)	Power plants, steel mills, chemical plants, unpaved roads and parking lots, wood-burning stoves and fireplaces, automobiles, and others.	Increased respiratory symptoms, such as irritation of the airways, coughing, or difficulty breathing; asthma; chronic bronchitis; irregular heartbeat; nonfatal heart attacks; and premature death in people with heart or lung disease. Impairs visibility.
Ozone (O_3)	Formed by a chemical reaction between reactive organic gases/volatile organic compounds (ROG or VOC)[1] and nitrogen oxides (NO_X) in the presence of sunlight. Motor vehicle exhaust, industrial emissions, gasoline storage and transport, solvents, paints, and landfills.	Irritates and causes inflammation of the mucous membranes and lung airways; causes wheezing, coughing, and pain when inhaling deeply; decreases lung capacity; aggravates lung and heart problems. Damages plants; reduces crop yield.
Sulfur Dioxide (SO_2)	A colorless gas formed when fuel containing sulfur is burned and when gasoline is extracted from oil. Examples are petroleum refineries, cement manufacturing, metal processing facilities, locomotives, and ships.	Respiratory irritant. Aggravates lung and heart problems. In the presence of moisture and oxygen, sulfur dioxide converts to sulfuric acid which can damage marble, iron, and steel. Damages crops and natural vegetation. Impairs visibility. Precursor to acid rain.
Carbon Monoxide (CO)	An odorless, colorless gas formed when the carbon contained in fuels is not burned completely; a component of motor vehicle exhaust.	Reduces the ability of blood to deliver oxygen to vital tissues, affecting the cardiovascular and nervous system. Impairs vision, causes dizziness, and can lead to unconsciousness or death.

Table 1: Air Contaminants and Associated Public Health Concerns		
Pollutant	**Major Man-Made Sources**	**Human Health Effects**
Nitrogen Dioxide (NO_2)	A reddish-brown gas formed during fuel combustion for motor vehicles and industrial sources. Sources include motor vehicles, electric utilities, and other sources that burn fuel.	Respiratory irritant; aggravates lung and heart problems. Precursor to O_3. Contributes to global warming and nutrient overloading which deteriorates water quality. Causes brown discoloration of the atmosphere.
Lead (Pb)	Lead is a metal found naturally in the environment as well as in manufactured products. The major sources of lead emissions have historically been motor vehicles and industrial sources. Due to the phase out of leaded gasoline, metals processing is the major source of lead emissions to the air today. The highest levels of lead in air are generally found near lead smelters. Other stationary sources are waste incinerators, utilities, and lead-acid battery manufacturers.	Exposure to lead occurs mainly through inhalation of air and ingestion of lead in food, water, soil, or dust. It accumulates in the blood, bones, and soft tissues and can adversely affect the kidneys, liver, nervous system, and other organs. Excessive exposure to lead may cause neurological impairments such as seizures, mental retardation, and behavioral disorders. Even at low doses, lead exposure is associated with damage to the nervous systems of fetuses and young children, resulting in learning deficits and lowered IQ.
1. Volatile Organic Compounds (VOCs or Reactive Organic Gases [ROG]) are hydrocarbons/organic gases that are formed solely of hydrogen and carbon. There are several subsets of organic gases including ROGs and VOCs. Both ROGs and VOCs are emitted from the incomplete combustion of hydrocarbons or other carbon-based fuels. The major sources of hydrocarbons are combustion engine exhaust, oil refineries, and oil-fueled power plants; other common sources are petroleum fuels, solvents, dry cleaning solutions, and paint (via evaporation).		
Source: U.S. EPA, *Criteria Air Pollutants*, https://www.epa.gov/criteria-air-pollutants, accessed July 2025.		

Toxic Air Contaminants

Toxic air contaminants (TACs) are airborne substances that can cause short-term (acute) or long-term (i.e., chronic, carcinogenic or cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes more than 200 compounds, including particulate emissions from diesel-fueled engines.

CARB identified diesel particulate matter (DPM) as a toxic air contaminant. DPM differs from other TACs in that it is not a single substance but rather a complex mixture of hundreds of substances. Diesel exhaust is a complex mixture of particles and gases produced when an engine burns diesel fuel. DPM is a concern because it causes lung cancer; many compounds found in diesel exhaust are carcinogenic. DPM includes the particle-phase constituents in diesel exhaust. The chemical composition and particle sizes of DPM vary between different engine types (heavy-duty, light-duty), engine operating conditions (idle, accelerate, decelerate), fuel formulations (high/low sulfur fuel), and the year of the engine. Some short-term (acute) effects of diesel exhaust include eye, nose, throat, and lung irritation, and diesel exhaust can cause coughs, headaches, light-headedness, and nausea. DPM poses the greatest health risk among the TACs. Almost all diesel exhaust particle mass is 10 microns or less in diameter. Due to their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lung.

Ambient Air Quality

CARB monitors ambient air quality at approximately 250 air monitoring stations across the State. These stations usually measure pollutant concentrations ten feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. Existing ambient air quality levels, historical trends, and projections near the Project are documented by measurements made by the South Coast Air Quality Management District (SCAQMD), the air pollution regulatory agency in the Basin that maintains air quality monitoring stations which process ambient air quality measurements.

Pollutants of concern in the Basin include O_3, PM10, and PM2.5. The closest air monitoring station to the Project that monitors ambient concentrations of O_3 and PM2.5 is the Long Beach-Route 710 Near Road Monitoring Station (located approximately 2.1 miles to the north). The Long Beach-Signal Hill Monitoring Station (located approximately 3.2 miles southeast) is the closest station that monitors PM10. Local air quality data from 2022 to 2024 are provided in Table 2: Ambient Air Quality Data, which lists the monitored maximum concentrations and number of exceedances of California Ambient Air Quality Standards (CAAQSs) or National Ambient Air Quality Standards (NAAQSs) for each year.

Table 2: Ambient Air Quality Data

Criteria Pollutant[1]	2022	2023	2024
Ozone (O_3)			
1-hour Maximum Concentration (ppm)	0.108	0.089	0.103
8-hour Maximum Concentration (ppm)	0.077	0.065	0.071
Number of Days Standard Exceeded			
CAAQS 1-hour (>0.09 ppm)	1	0	1
NAAQS 8-hour (>0.070 ppm)	1	0	1
Carbon Monoxide (CO)			
1-hour Maximum Concentration (ppm)	1.943	3.164	3.512
Number of Days Standard Exceeded			
NAAQS 1-hour (>35 ppm)	0	0	0
CAAQS 1-hour (>20 ppm)	0	0	0
Nitrogen Dioxide (NO_2)			
1-hour Maximum Concentration (ppm)	0.095	0.071	0.076
Number of Days Standard Exceeded			
NAAQS 1-hour (>100 ppm)	0	0	0
CAAQS 1-hour (>0.18 ppm)	0	0	0
Particulate Matter Less Than 10 Microns (PM10)			
National 24-hour Maximum Concentration	128.6	148.6	83.0
State 24-hour Maximum Concentration	-	-	-
State Annual Average Concentration (CAAQS=20 µg/m^3)	-	-	-
Number of Days Standard Exceeded			
NAAQS 24-hour (>150 µg/m^3)	0	0	0
CAAQS 24-hour (>50 µg/m^3)	-	-	-
Particulate Matter Less Than 2.5 Microns (PM2.5)			
National 24-hour Maximum Concentration	39.0	58.3	44.2
State 24-hour Maximum Concentration	41.7	58.5	44.2
Number of Days Standard Exceeded			
NAAQS 24-hour (>35 µg/m^3)	1.0	1.0	2.0

NAAQS = National Ambient Air Quality Standards; CAAQS = California Ambient Air Quality Standards; ppm = parts per million; µg/m^3 = micrograms per cubic meter; – = There was insufficient (or no) data available to determine the value.

Measurements taken at the Long Beach-Route 710 Near Road Monitoring Station (CARB#70032), and at the Long Beach-Signal Hill Monitoring Station (CARB #70033).
Source: All pollutant measurements are from the CARB Aerometric Data Analysis and Management system database (https://www.arb.ca.gov/adam) except for CO and NO_2, which were retrieved from the CARB Air Quality and Meteorological Information System (https://www.arb.ca.gov/aqmis2/aqdselect.php).

2.3 Nearby Sensitive Land Uses

Sensitive land uses are those in which people are more susceptible to the effects of air pollution than the general population. Sensitive land uses that are in proximity to localized sources of toxics are of particular concern. Sensitive uses typically include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes.[2] The nearest sensitive land use is the Rancho Dominguez Preparatory School, located 920 feet to the northwest of the Project Site. We note that the parking area for the school is located 920 feet from the Project site, beyond which are the sports fields (starting at roughly 1,050 feet from the Project Site), and the school buildings are beyond the sports fields (starting at roughly 1,390 feet from the Project Site). As such, the use of 920 feet as the distance to the nearest sensitive receptor represents a conservative analysis. Worker receptors are located adjacent to the north and south, and across Via Oro to the west. Sensitive land uses nearest to the Project Site are shown in Table 3: Nearby Receptors and **Exhibit 4: Sensitive Receptors**.

Table 3: Nearby Receptors

Receptor Description	Distance[1] and Direction from the Project
Industrial worker receptor	30 feet to the north, 35 feet to the south, and 70 feet to the west
Rancho Dominguez Preparatory School	920 feet to the northwest
Single-Family Residences[2]	1,080 feet to the south

1. Distance measured from the Project Site boundary to the nearest sensitive receptor property line.
2. Receptors are located within the City of Long Beach.

Source: Google Earth, 2025.

[2] South Coast AQMD, *Air Quality and Land Use Handbook*, April 2005. https://www.aqmd.gov/docs/default-source/ceqa/handbook/california-air-resources-board-air-quality-and-land-use-handbook-a-community-health-perspective.pdf

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EXHIBIT 4: Sensitive Receptors

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3.0 REGULATORY SETTING

3.1 Federal

Federal Clean Air Act

Air quality is federally protected by the Federal Clean Air Act (FCAA) and its amendments. Under the FCAA, the United States Environmental Protection Agency (U.S. EPA) developed the primary and secondary NAAQS for the criteria air pollutants including O_3, NO_2, CO, SO_2, PM10, PM2.5, and lead. Proposed projects in or near non-attainment areas could be subject to more stringent air-permitting requirements. The FCAA requires each State to prepare a State Implementation Plan (SIP) to demonstrate how it will attain the NAAQS within the federally imposed deadlines.

The U.S. EPA can withhold certain transportation funds from states that fail to comply with the planning requirements of the FCAA. If a State fails to correct these planning deficiencies within two years of Federal notification, the U.S. EPA is required to develop a Federal implementation plan for the identified non-attainment area or areas. The provisions of 40 Code of Federal Regulations Parts 51 and 93 apply in all non-attainment and maintenance areas for transportation-related criteria pollutants for which the area is designated non-attainment or has a maintenance plan. The U.S. EPA has designated enforcement of air pollution control regulations to the individual states. Applicable NAAQS are summarized in Table 4: State and National Ambient Air Quality Standards.

3.2 State of California

California Air Resources Board

The California Air Resources Board (CARB) administers the air quality policy in California. The CAAQSs were established in 1969 pursuant to the Mulford-Carrell Act. The CAAQSs, included with the NAAQSs in Table 4, are generally more stringent and apply to more pollutants than the NAAQSs. In addition to the criteria pollutants, CAAQSs have been established for visibility reducing particulates, hydrogen sulfide, and sulfates.

The California Clean Air Act (CCAA), which was approved in 1988, requires that each local air district prepare and maintain an Air Quality Management Plan (AQMP) to achieve compliance with CAAQSs. These AQMPs also serve as the basis for the preparation of the SIP for meeting NAAQS for the State of California. Like the U.S. EPA, CARB also designates areas within California as either attainment or non-attainment for each criteria pollutant based on whether the CAAQSs have been achieved. Under the CCAA, areas are designated as non-attainment for a pollutant if air quality data shows that a CAAQS for the pollutant was violated at least once during the previous three calendar years. Exceedances that are affected by highly irregular or infrequent events such as wildfires, volcanoes, etc. are not considered violations of a CAAQS, and are not used as a basis for designating areas as non-attainment. The applicable CAAQS are summarized in Table 4.

Table 4: State and National Ambient Air Quality Standards

Pollutant	Averaging Time	State Standards[1]	National Standards[2]
Ozone (O_3) [2, 5, 7]	8 Hour	0.070 ppm (137 µg/m^3)	0.070 ppm
	1 Hour	0.09 ppm (180 µg/m^3)	NA
Carbon Monoxide (CO)	8 Hour	9.0 ppm (10 mg/m^3)	9 ppm (10 mg/m^3)
	1 Hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)
Nitrogen Dioxide (NO_2)	1 Hour	0.18 ppm (339 µg/m^3)	0.10 ppm[11]
	Annual Arithmetic Mean	0.030 ppm (57 µg/m^3)	0.053 ppm (100 µg/m^3)
Sulfur Dioxide (SO_2) [8]	24 Hour	0.04 ppm (105 µg/m^3)	0.14 ppm (365 µg/m^3)
	1 Hour	0.25 ppm (655 µg/m^3)	0.075 ppm (196 µg/m^3)
	Annual Arithmetic Mean	NA	0.03 ppm (80 µg/m^3)
Particulate Matter (PM10) [1, 3, 6]	24-Hour	50 µg/m^3	150 µg/m^3
	Annual Arithmetic Mean	20 µg/m^3	NA
Fine Particulate Matter (PM2.5) [3, 4, 6, 9]	24-Hour	NA	35 µg/m^3
	Annual Arithmetic Mean	12 µg/m^3	9.0 µg/m^3
Sulfates (SO_{4-2})	24 Hour	25 µg/m^3	NA
Lead (Pb) [10, 11]	30-Day Average	1.5 µg/m^3	NA
	Calendar Quarter	NA	1.5 µg/m^3
	Rolling 3-Month Average	NA	0.15 µg/m^3
Hydrogen Sulfide (H_2S)	1 Hour	0.03 ppm (0.15 µg/m^3)	NA
Vinyl Chloride (C_2H_3Cl) [10]	24 Hour	0.01 ppm (26 µg/m^3)	NA

Notes:
ppm = parts per million; µg/m^3 = micrograms per cubic meter; mg/m^3 = milligrams per cubic meter; – = no information available.

1. California standards for O_3, carbon monoxide (except Lake Tahoe), sulfur dioxide (1-hour and 24-hour), nitrogen dioxide, suspended particulate matter - PM10, and visibility reducing particles are values that are not to be exceeded. The standards for sulfates, Lake Tahoe carbon monoxide, lead, hydrogen sulfide, and vinyl chloride are not to be equaled or exceeded. If the standard is for a 1-hour, 8-hour or 24-hour average (i.e. all standards except for lead and the PM10 annual standard), then some measurements may be excluded. Measurements are excluded that CARB determines would occur less than once per year on the average. The Lake Tahoe carbon monoxide standard is 6.0 ppm, a level one-half the national standard and two-thirds the State standard.
1. National standards shown are the "primary standards" designed to protect public health. National standards other than for O_3, particulates, and those based on annual averages are not to be exceeded more than once a year. The 1-hour O_3 standard is attained if, during the most recent three-year period, the average number of days per year with maximum hourly concentrations above the standard is equal to or less than one. The 8-hour O_3 standard is attained when the 3-year average of the 4th highest daily concentrations is 0.070 ppm or less. The 24-hour PM10 standard is attained when the 3-year average of the 99th percentile of monitored concentrations is less than 150 µg/m$_3$. The 24-hour PM2.5 standard is attained when the 3-year average of 98th percentiles is less than 35 µg/m^3.
2. Except for the national particulate standards, annual standards are met if the annual average falls below the standard at every site. The national annual particulate standard for PM10 is met if the 3-year average falls below the standard at every site. The annual PM2.5 standard is met if the 3-year average of annual averages spatially-averaged across officially designed clusters of sites falls below the standard.
   NAAQS are set by the U.S. EPA at levels determined to be protective of public health with an adequate margin of safety.
3. On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm. An area will meet the standard if the fourth-highest maximum daily 8-hour O_3 concentration per year, averaged over three years, is equal to or less than 0.070 ppm. U.S. EPA will make recommendations on attainment designations by October 1, 2016, and issue final designations October 1, 2017. Non-attainment areas will have until 2020 to late 2037 to meet the health standard, with attainment dates varying based on the O_3 level in the area.
4. The national 1-hour O_3 standard was revoked by the U.S. EPA on June 15, 2005.
5. In June 2002, CARB established new annual standards for PM2.5 and PM10.
6. The 8-hour California O_3 standard was approved by the CARB on April 28, 2005 and became effective on May 17, 2006.
7. On June 2, 2010, the U.S. EPA established a new 1-hour SO_2 standard, effective August 23, 2010, which is based on the 3-year average of the annual 99th percentile of 1-hour daily maximum concentrations. The existing 0.030 ppm annual and 0.14 ppm 24-hour SO_2 NAAQS however must continue to be used until one year following U.S. EPA initial designations of the new 1-hour SO_2 NAAQS.

8. In December 2012, U.S. EPA strengthened the annual PM2.5 NAAQS from 15.0 to 12.0 µg/m^3. In December 2014, the U.S. EPA issued final area designations for the 2012 primary annual PM2.5 NAAQS. Areas designated "unclassifiable/attainment" must continue to take steps to prevent their air quality from deteriorating to unhealthy levels. The effective date of this standard is April 15, 2015.
9. CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure below which there are no adverse health effects determined.
10. National lead standard, rolling 3-month average: final rule signed October 15, 2008. Final designations effective December 31, 2011.

Source: South Coast Air Quality Management District, *Air Quality Management Plan*, 2022; California Air Resources Board, *Ambient Air Quality Standards*, May 6, 2016, and U.S. EPA, NAAQS Table, July 21, 2025.

Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles* (DRRP) in October 2000. The DRRP's goals include an 85 percent reduction in DPM by 2020 from the 2000 baseline[3]. CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing statewide cancer risk and non-cancer health effects.[4] The DRRP includes regulations to establish cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

Truck and Bus Regulation Reducing Emissions from Existing Diesel Vehicles

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce PM and NO_X emissions from existing diesel vehicles operating in California. The regulation requires PM retrofits on all diesel trucks and buses that operate in California (i.e., existing vehicles are required to be upgraded to reduce emissions). Heavier trucks must be retrofitted with PM filters beginning January 1, 2012, and older trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses would need to have 2010 model year engines or equivalent.

The regulation applies to most diesel-fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. Small fleets with three or fewer diesel trucks can delay compliance for heavier trucks and there are several extensions for low-mileage construction trucks, early PM filter retrofits, adding cleaner vehicles, and other situations. Privately and publicly owned school buses have different requirements.

Heavy-Duty Vehicle Idling Emission Reduction Program

The purpose of the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling is to reduce public exposure to DPM and criteria pollutants by limiting the idling of diesel-fueled commercial vehicles including transportation refrigeration units (TRUs). The driver of any vehicle subject to this ATCM is prohibited from idling the vehicle's primary diesel engine for greater than five minutes at any location and is prohibited from idling a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools). On February 24, 2022, CARB approved amendments to the TRU ATCM (2022 Amendments) to achieve additional emission and health risk reductions from diesel-powered TRUs and increase the use of zero-emission technology in the off-road sector. The 2022 Amendments will help meet the State's

[3] California Air Resources Board, Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles, October 2000.
[4] California Air Resources Board, *Overview: Diesel Exhaust & Health*, available at: https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed July 2025.

multiple risk reduction, air quality, and climate goals, as well as the directive of Executive Order N-29-20, which set a goal for 100 percent zero-emission off-road vehicles and equipment in the State by 2035.

CARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, beginning in 2008, requires that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged.

Section 2485 and Section 2449 of Title 13 of the California Code of Regulations limits diesel-fueled motor vehicle idling to no more than five minutes. Section 2485 limits idling for diesel-fueled commercial motor vehicles with gross vehicle weight ratings of greater than 10,000 pounds that are or must be licensed to operate on publicly maintained highways and streets within California. Section 2449 limits idling for off-road diesel-fueled fleets.

CARB recently adopted various regulations to reduce criteria pollutants including:

- **Advanced Clean Cars Program**. This program aims to make all new passenger cars, trucks, and SUVs sold in California zero emissions by 2035.
- **Advanced Clean Truck Regulation**. CARB adopted the Advanced Clean Truck (ACT) Regulation in June 2020 requiring truck manufacturers to transition from diesel trucks and vans to electric zero-emission (ZE) trucks beginning in 2024. By 2045, every new truck sold in California is required to be ZE.
- **Low NOx Heavy-Duty Omnibus Regulation.** Adopted in September 2021, the Heavy-Duty Engine and Vehicle Omnibus Regulation (Omnibus Regulation) will significantly increase the stringency of nitrogen oxides (NO_X) emissions standards for heavy-duty diesel engines for use in vehicles with a gross vehicle weight rating (GVWR) greater than 10,000 pounds. The more stringent NO_X emission standards begin with the 2024 model year engines and become more stringent with 2027 and subsequent model year engines.
- **Advanced Clean Fleets Regulation.** Adopted in April 2023, the Advanced Clean Fleets Regulation (ACF) requires fleet owners to begin transitioning toward zero emissions vehicles (ZEVs) starting in 2024. Drayage trucks will need to be ZE by 2035, and all other fleet owners have the option to transition a percentage of their vehicles to meet expected ZE milestones, which gives owners the flexibility to continue operating combustion-powered vehicles as needed during the move toward cleaner technology.

On January 13, 2025, CARB withdrew their requests for CAA waivers from the U.S. EPA needed to support four recently adopted vehicle emissions regulations: (1) the Advanced Clean Fleets Regulations; 2) the In-Use Locomotive Regulations; 3) part of the Commercial Harbor Craft and Ocean-Going Vessels At-Berth Regulations; and 4) part of the Transport Refrigeration Unit Engine Standards Regulations. Therefore, implementation of these regulations is currently unknown.

California Communities Healthy Air and Revitalization Act (SB 535, 2012)

In 2012, SB 535 established funding requirements for certain disadvantaged communities identified using geographic, socioeconomic, public health, and environmental hazard criteria. California Office of Environmental Health Hazard Assessment (OEHHA) has developed CalEnviroScreen 4.0, which is a mapping tool that helps identify California communities designated by CalEPA for the purpose of SB 535 that are most affected by many sources of pollution, and where people are often especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic information to produce scores for every census tract in the State. The scores are mapped so that different communities can be compared. An area with a high score is one that experiences a much higher pollution burden than areas with low scores.

According to CalEnviroScreen, the Project is located within Census Tract 6037544002, which is within the 83rd percentile.[5] It should be noted that the CalEnviroScreen scores are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant in relation to public health or the environment.

Executive Order N-79-20

Signed in September 2020, Executive Order N-79-20 establishes a goal that all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035, where feasible. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium- and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment "requiring increasing volumes" of new zero emission vehicles (ZEVs) "towards the target of 100 percent." The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities with a goal toward meeting carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which was adopted by CARB in July 2020.

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: 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.

CALGreen is updated on a regular basis, with the most recent approved update consisting of the 2022 California Green Building Code Standards that will be effective on January 1, 2023. The CEC

[5] California Office of Environmental Health Hazard Assessment, *CalEnviroScreen 4.0*, https://experience.arcgis.com/experience/11d2f52282a54ceebcac7428e6184203/page/CalEnviroScreen-4_0/, accessed September 2025.

anticipates that the 2022 energy code will provide $1.5 billion in consumer benefits and reduce GHG emissions by 10 million metric tons (17). The Project would be required to comply with the applicable standards in place at the time plan check submittals are made. These require, among other items (18):

Nonresidential Mandatory Measures:

- Short-term bicycle parking. If the new project or an additional alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack (5.106.4.1.1).
- Long-term bicycle parking. For new buildings with tenant space that have 10 or more tenant-occupants, provide secure bicycle parking for 5% of the tenant occupant vehicular parking spaces with a minimum of one bicycle parking facility (5.106.4.1.2).
- Designated parking for clean air vehicles. In new projects or additions to alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as shown in Table 5.106.5.2 (5.106.5.2).
- EV Charging Stations. New construction shall facilitate the future installation of EV supply equipment. The compliance requires empty raceways for future conduit and documentation that the electrical system has adequate capacity for the future load. The number of spaces to be provided is contained in Table 5.106. 5.3.3 (5.106.5.3). Additionally, Table 5.106.5.4.1 specifies requirements for the installation of raceway conduit and panel power requirements for medium- and heavy-duty EV supply equipment for warehouses, grocery stores, and retail stores.
- Outdoor light pollution reduction. Outdoor lighting systems shall be designed to meet the backlight, uplight and glare ratings per Table 5.106.8 (5.106.8).
- Construction waste management. Recycle and/or salvage for reuse a minimum of 65% of the nonhazardous construction and demolition waste in accordance with Section 5.408.1.1. 5.405.1.2, or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent (5.408.1).
- Excavated soil and land clearing debris. 100% of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed (5.408.3).
- Recycling by Occupants. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage, and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive (5.410.1).
    - Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:
        - Water Closets. The effective flush volume of all water closets shall not exceed
        - 1.28 gallons per flush (5.303.3.1)

- Urinals. The effective flush volume of wall-mounted urinals shall not exceed
- 0.125 gallons per flush (5.303.3.2.1). The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush (5.303.3.2.2).
- Showerheads. Single showerheads shall have a minimum flow rate of not more than 1.8 gallons per minute and 80 psi (5.303.3.3.1). When a shower is served by more than one showerhead, the combined flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi (5.303.3.3.2).
- Faucets and fountains. Nonresidential lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi (5.303.3.4.1). Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute of 60 psi
- (5.303.3.4.2). Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute (5.303.3.4.3). Metering faucets shall not deliver more than 0.20 gallons per cycle (5.303.3.4.4). Metering faucets for wash fountains shall have a maximum flow rate not more than 0.20 gallons per cycle (5.303.3.4.5).
- Outdoor potable water uses in landscaped areas. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent (5.304.1).
- Water meters. Separate submeters or metering devices shall be installed for new buildings or additions in excess of 50,000 sf or for excess consumption where any tenant within a new building or within an addition that is project to consume more than 1,000 gallons per day (GPD) (5.303.1.1 and 5.303.1.2).
- Outdoor water uses in rehabilitated landscape projects equal or greater than 2,500 sf. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 2,500 sf requiring a building or landscape permit (5.304.3).

- Commissioning. For new buildings 10,000 sf and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements (5.410.2).

Community Health Protection Program (AB 617, 2017)

The Community Health Protection Program, also known as the Community Air Protection Act), AB 617, was promulgated into state law in 2017. The purpose of this legislation is for CARB to establish the Community Air Protection Program (CAPP). CARB's objective in implementing the CAPP is to reduce human health risk levels by reducing air toxic exposure in communities most impacted by TAC emissions. CARB requires that air districts "must initiate community partnerships and undertake a robust public process in developing and implementing the community emissions reduction programs." There have been 17 designated communities throughout the state targeting emissions reductions, community monitoring or both. The majority of AB 617 communities have

both reduction and monitoring designations. The state legislature has provided a funding mechanism to support early actions allowing for deployment of cleaner technologies for designated communities as well as grants to promote community participation in both the monitoring and emissions reductions aspects of the program. Other aspects of the program include accelerated retrofit of pollution controls on industrial stationary sources, an increase in financial penalties, and increased transparency and availability of emissions and air quality information thereby driving air pollution control efforts statewide with a goal of improved intra-Air District communication and cooperation.

The Project Site is located within the community of Wilmington, West Long Beach, and Carson (WWLBC) which was designated a CAPP community in 2018. The WWLBC community is impacted by a variety of sources including freight, freeway traffic, port and rail operations, oil and gas production, and refineries. The community has high levels of air pollution exposure and many sensitive receptors, including schools located near air pollution sources, and contains areas designated as disadvantaged communities. The community also experiences high rates of unemployment and poverty. The SCAQMD has partnered with the Community Steering Community (CSC), a diverse group of local residents, employees, business owners, and students, to develop the *Community Emissions Reduction Plan (CERP) for Wilmington, West Long Beach, and Carson*, which outlines commitments and actions to reduce air pollution in the area.

3.3 Regional

South Coast Air Quality Management District

The SCAQMD is the air pollution control agency for Orange County and the urban portions of Los Angeles, Riverside, and San Bernardino Counties. The agency's primary responsibility is ensuring that CAAQSs and NAAQSs are attained and maintained in the Basin. The SCAQMD is also responsible for adopting and enforcing rules and regulations concerning air pollutant sources, issuing permits for stationary sources of air pollutants, inspecting stationary sources of air pollutants, responding to citizen complaints, monitoring ambient air quality and meteorological conditions, awarding grants to reduce motor vehicle emissions, conducting public education campaigns, and many other activities. All projects are subject to SCAQMD rules and regulations in effect at the time of construction.

The SCAQMD is also the lead agency in charge of developing the AQMP, with input from the Southern California Association of Governments (SCAG) and CARB. The AQMP is a comprehensive plan that includes control strategies for stationary and area sources, as well as for on-road and off-road mobile sources. SCAG has the primary responsibility for providing future growth projections and the development and implementation of transportation control measures. CARB, in coordination with federal agencies, provides the control element for mobile sources.

The 2016 AQMP was adopted by the SCAQMD Governing Board on March 3, 2017. The purpose of the AQMP is to set forth a comprehensive and integrated program that would lead the Basin into compliance with the federal 24-hour PM2.5 air quality standard, and to provide an update to the SCAQMD's commitments towards meeting the 8-hour O_3 NAAQS. Specifically, the 2016 AQMP covers the following NAAQS: 1979 1-hour O_3 NAAQS, 1997 8-hour O_3 NAAQS, 2006 24-hour PM2.5 NAAQS, 2008 8-hour O_3 NAAQS, and the 2012 annual PM2.5 NAAQS.

The 2022 AQMP, adopted by the SCAQMD Governing Board on December 2, 2022, was developed to address the requirements for meeting the 2015 8-hour O_3 standard. The 2022 AQMP builds upon measures already in place from previous AQMPs. It also includes a variety of additional strategies such as regulation, accelerated deployment of available cleaner technologies (e.g., zero emissions technologies, when cost-effective and feasible, and low NO_X technologies in other applications), best management practices, co-benefits from existing programs (e.g., climate and energy efficiency), incentives, and other FCAA measures to achieve the 2015 8-hour ozone standard. The 2022 AQMP incorporates the latest scientific and technological information and planning assumptions, including the *2020-2045 Regional Transportation Plan/Sustainable Communities Strategy* (RTP/SCS) and updated emission inventory methodologies for various source categories.

The SCAQMD has published the CEQA Air Quality Handbook (approved by the SCAQMD Governing Board in 1993 and augmented with guidance for Localized Significance Thresholds [LSTs] in 2008). The SCAQMD guidance helps local government agencies and consultants to develop environmental documents required by California Environmental Quality Act (CEQA) and provides identification of suggested thresholds of significance for criteria pollutants for both construction and operation (see discussion of thresholds below). With the help of the CEQA Air Quality Handbook and associated guidance, local land use planners and consultants are able to analyze and document how proposed and existing projects affect air quality in order to meet the requirements of the CEQA review process. The SCAQMD periodically provides supplemental guidance and updates to the handbook on their website.

The SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. Under federal law, SCAG is designated as a Metropolitan Planning Organization and under State law as a Regional Transportation Planning Agency and a Council of Governments.

The State and federal attainment status designations for the Basin are summarized in Table 5: South Coast Air Basin Attainment Status. The Basin is currently designated as a non-attainment area for the O_3, PM10, and PM2.5 CAAQSs, as well as the 8-hour O_3 and PM2.5 NAAQSs. The Basin is designated as attainment or unclassified for the remaining CAAQSs and NAAQSs.

Table 5: South Coast Air Basin Attainment Status

Pollutant	State	Federal
Ozone (O_3) (1 Hour Standard)	Non-Attainment	Non-Attainment (Extreme)
Ozone (O_3) (8 Hour Standard)	Non-Attainment	Non-Attainment (Extreme)
Particulate Matter (PM2.5) (24 Hour Standard)	–	Non-Attainment (Serious)
Particulate Matter (PM2.5) (Annual Standard)	Non-Attainment	Non-Attainment (Serious)
Particulate Matter (PM10) (24 Hour Standard)	Non-Attainment	Attainment (Maintenance)
Particulate Matter (PM10) (Annual Standard)	Non-Attainment	–
Carbon Monoxide (CO) (1 Hour Standard)	Attainment	Attainment (Maintenance)

Table 5: South Coast Air Basin Attainment Status		
Pollutant	**State**	**Federal**
Carbon Monoxide (CO) (8 Hour Standard)	Attainment	Attainment (Maintenance)
Nitrogen Dioxide (NO_2) (1 Hour Standard)	Attainment	Unclassifiable/Attainment
Nitrogen Dioxide (NO_2) (Annual Standard)	Attainment	Attainment (Maintenance)
Sulfur Dioxide (SO_2) (1 Hour Standard)	Attainment	Unclassifiable/Attainment
Sulfur Dioxide (SO_2) (24 Hour Standard)	Attainment	–
Lead (Pb) (30 Day Standard)	–	Unclassifiable/Attainment
Lead (Pb) (3 Month Standard)	Attainment	–
Sulfates (SO_{4-2}) (24 Hour Standard)	Attainment	–
Hydrogen Sulfide (H_2S) (1 Hour Standard)	Unclassified	–
Source: South Coast Air Quality Management District, *Air Quality Management Plan*, 2022; United States Environmental Protection Agency, *Nonattainment Areas for Criteria Pollutants (Green Book)*, 2022.		

The following is a list of SCAQMD rules that are required of construction and operational activities associated with the Project:

- **Rule 402 (Nuisance)** – This rule prohibits the discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. This rule does not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.

- **Rule 403 (Fugitive Dust)** – This rule requires fugitive dust sources to implement best available control measures for all sources, and all forms of visible particulate matter are prohibited from crossing any property line. This rule is intended to reduce PM10 emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. PM10 suppression techniques are summarized below.

    a) Portions of a construction site to remain inactive longer than a period of three months will be seeded and watered until grass cover is grown or otherwise stabilized.

    b) All on-site roads will be paved as soon as feasible or watered periodically or chemically stabilized.

    c) All material transported off-site will be either sufficiently watered or securely covered to prevent excessive amounts of dust.

    d) The area disturbed by clearing, grading, earthmoving, or excavation operations will be minimized at all times.

e) Where vehicles leave a construction site and enter adjacent public streets, the streets will be swept daily or washed down at the end of the work day to remove soil tracked onto the paved surface.

- **Rule 1113 (Architectural Coatings)** – This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce ROG emissions from the use of these coatings, primarily by placing limits on the ROG content of various coating categories.
- **Rule 1401 (New Source Review of Toxic Air Contaminants)** – This rule establishes limits for maximum individual cancer risk (MICR), cancer burden, and noncancer acute and chronic hazard index (HI) from new permit units, relocations, or modifications to existing permit units which emit applicable toxic air contaminants. DPM is a substance listed in Table 1 of the Rule.[6] Therefore, the requirements to allow the construction and use of the new generators are as follows:
    - **MICR and Cancer Burden:** The cumulative increase in MICR which is the sum of the calculated MICR values for all toxic air contaminants emitted from the new, relocated or modified permit unit will not result in any of the following:
        - an increased MICR greater than one in one million (1.0×10^{-6}) at any receptor location, if the permit unit is constructed without T-BACT;
        - an increased MICR greater than ten in one million (10×10^{-6}) at any receptor location, if the permit unit is constructed with T-BACT;
        - a cancer burden greater than 0.5.
    - **Chronic Hazard Index:** The cumulative increase in total chronic HI for any target organ system due to total emissions from the new, relocated or modified permit unit owned or operated by the applicant for which applications were deemed complete on or after the date when the risk value for the compound is finalized by the state Office of Environmental Health Hazard Assessment (OEHHA) will not exceed 1.0 at any receptor location.
    - **Acute Hazard Index:** The cumulative increase in total acute HI for any target organ system due to total emissions from the new, relocated or modified permit unit owned or operated by the applicant for which applications were deemed complete on or after the date when the risk value for the compound is finalized by OEHHA will not exceed 1.0 at any receptor location.
- **Rule 1402 (Control of Toxic Air Contaminants From Existing Sources)** – This rule reduces the health risk associated with emissions of TACs from existing sources by specifying notification risk levels, action risk levels, and significant risk levels for MICR, cancer burden, and non-cancer acute and chronic HI applicable to total facility emissions. The rule establishes requirements to implement Risk Reduction Plans to achieve specified risk limits, as required by the Hot Spots Act and this rule.

[6] SCAQMD, Rule 1401, page 1401-17, http://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1401.pdf?sfvrsn=4. Accessed April 22, 2024.

- **Rule 1403 (Asbestos Emissions From Demolition/Renovation Activities)** – This rule applies to owners and operators of any demolition or renovation activity, and the associated disturbance of asbestos-containing material (ACM), any asbestos storage facility, or any active waste disposal site. This rule includes requirements for activities, handling and clean-up procedures, storage, disposal, and landfill requirements.
- **Rule 1415 (Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems)** – The purpose of this rule is to reduce emissions of high-global warming potential refrigerants from stationary air conditioning systems by requiring project's to reclaim, recover, or recycle refrigerant and minimize leakage.
- **Rule 1466 (Control Of Particulate Emissions from Soils With Toxic Air Contaminants)** – This rule applies to projects with earth-moving activities of soil with applicable toxic air contaminants (TACs) that have been identified as contaminants of concern at a site.
- **Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines)** – This rule applies to stationary compression ignition (CI) engine greater than 50 brake horsepower and sets limits on emissions and operating hours. In general, new stationary emergency standby diesel-fueled engines greater than 50 brake horsepower are not permitted to operate more than 50 hours per year for maintenance and testing.
- **Rule 2305 (Warehouse Indirect Source Rule)** - Rule 2305 was adopted by the SCAQMD Governing Board on May 7, 2021, to reduce NO_X and particulate matter emissions associated with warehouses and mobile sources attracted to warehouses. This rule applies to all existing and proposed warehouses over 100,000 square feet located in the SCAQMD. Rule 2305 requires warehouse operators to track annual vehicle miles traveled associated with truck trips to and from the warehouse. These trip miles are used to calculate the warehouses WAIRE (Warehouse Actions and Investments to Reduce Emissions) Points Compliance Obligation. WAIRE Points are earned based on emission reduction measures and warehouse operators are required to submit an annual WAIRE Report which includes truck trip data and emission reduction measures. Reduction strategies listed in the WAIRE menu include acquire zero emission (ZE) or near zero emission (NZE) trucks; require ZE/NZE truck visits; require ZE yard trucks; install on-site ZE charging/fueling infrastructure; install onsite energy systems; and install filtration systems in residences, schools, and other buildings in the adjacent community. Warehouse operators that do not earn a sufficient number of WAIRE points to satisfy the WAIRE Points Compliance Obligation would be required to pay a mitigation fee. Funds from the mitigation fee will be used to incentivize the purchase of cleaner trucks and charging/fueling infrastructure in communities nearby.

3.4 Local

City of Long Beach General Plan

The *City of Long Beach General Plan* (General Plan) is a long-range planning document that establishes the goals and policies related to the future and vision of the community. The following policies on improving air quality are applicable to the proposed Project:

Air Quality Element

Policy 1.1: Coordinate with other jurisdictions in the Air Basin a continuation of the consortium to establish air quality plans and implementation programs where practical.

Policy 5.1: Improve the balance between jobs and housing to create a more efficient urban form.

Policy 6-1: Further reduce particulate emissions from roads, parking lots, construction sites, unpaved alleys, and port operations and related uses.

Policy 7.1: Reduce energy consumption through conservation improvements and requirements.

Land Use Element

Policy 1-3: Require sustainable design strategies to be integrated into public and private development projects.

Policy 1-4: Require electric vehicle charging stations to be installed in new commercial, industrial, institutional and multiple-family residential development projects. Require that all parking for single-unit and two-unit residential development projects be capable of supporting future electric vehicle supply equipment.

Policy 1-6: Require that new building construction incorporate solar panels, vegetated surface, high albedo surface and/or similar roof structures to reduce net energy usage and reduce the heat island effect.

4.0 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 Air Quality Thresholds

Based upon the criteria derived from State CEQA Guidelines Appendix G, a project normally would have a significant effect on the environment if it would:

AQ-1 Conflict with or obstruct implementation of the applicable air quality plan.

AQ-2 Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is in nonattainment under an applicable State or federal ambient air quality standard.

AQ-3 Expose sensitive receptors to substantial pollutant concentrations.

AQ-4 Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

SCAQMD Thresholds

The significance criteria established by SCAQMD may be relied upon to make the above determinations. According to the SCAQMD, an air quality impact is considered significant if a Project would violate any ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations. The SCAQMD has established thresholds of significance for air quality during construction and operational activities of land use development projects, as shown in Table 6: South Coast Air Quality Management District Emissions Thresholds.

Table 6: South Coast Air Quality Management District Emissions Thresholds

Criteria Air Pollutants and Precursors	Maximum Pounds Per Day	
	Construction-Related	Operational-Related
Reactive Organic Gases (ROG)	75	55
Carbon Monoxide (CO)	550	550
Nitrogen Oxides (NO_X)	100	55
Sulfur Oxides (SO_X)	150	150
Coarse Particulates (PM10)	150	150
Fine Particulates (PM2.5)	55	55

Source: South Coast Air Quality Management District, *South Coast AQMD Air Quality Significance Thresholds,* March 2023.

Localized Significance Thresholds

The SCAQMD developed localized significance thresholds (LSTs) for emissions of NO_2, CO, PM10, and PM2.5 generated at new development sites (off-site mobile source emissions are not included in the LST analysis). LSTs represent the maximum emissions that can be generated at a project without expecting to cause or substantially contribute to an exceedance of the most stringent CAAQS or NAAQS. LSTs are based on the ambient concentrations of that pollutant within the Project source receptor area (SRA), as demarcated by the SCAQMD, and the distance to the nearest sensitive receptor. LST analysis for construction is applicable for all projects that disturb 5 acres or

less on a single day. The City of Long Beach is located within SCAQMD SRA 4 (South Los Angeles County Coastal). The nearest sensitive receptor is located approximately 920 feet from the Project Site (approximately 280 meters). LSTs associated with the 200-meter threshold are provided in Table 7: Localized Significance Thresholds for Construction/Operations for informational purposes and to demonstrate that the thresholds increase as acreages increase.

Table 7: Localized Significance Thresholds for Construction/Operations

Project Size	Maximum Pounds Per Day			
	NO_X	CO	PM10	PM2.5
1 Acre	90/90	2,296/2,296	61/15	26/7
2 Acres	106/106	2,869/2,869	70/17	30/8
4 Acres	129/129	3,746/3,746	85/20	36/9
5 Acres	141/141	4,184/4,184	92/22	39/10

NO_X = Nitrogen Oxides; CO = Carbon Monoxide; PM10 = Particulate Matter 10 microns in diameter or less; PM2.5 = Particulate Matter 2.5 microns in diameter or less

Note: Based on a receptor distance of 200 meters in SRA 4.
Source: South Coast Air Quality Management District, *Localized Significance Threshold Methodology,* July 2008.

4.2 Methodology

This air quality impact analysis considers construction and operational impacts associated with the Project. Where criteria air pollutant quantification was required, emissions were modeled using the California Emissions Estimator Model (CalEEMod) version 2022.1.1.37. CalEEMod is a Statewide land use emissions computer model designed to quantify criteria pollutant emissions resulting from both construction and operations from a variety of land use projects. Air quality impacts were assessed according to methodologies recommended by CARB and the SCAQMD.

Construction equipment, trucks, worker vehicles, and ground-disturbing activities associated with Project construction would generate emissions of criteria air pollutants and precursors. Daily regional construction emissions are estimated by assuming construction occurs at the earliest feasible date (i.e., a conservative estimate of construction activities) and applying off-road, fugitive dust, and on-road emissions factors in CalEEMod.

Project operations would result in emissions from area sources (consumer products), energy sources (natural gas usage and off-site electricity generation), stationary sources (emergency generators), off-road sources (forklifts), and mobile sources (motor vehicles from Project generated vehicle trips). Project-generated increases in operational emissions would be predominantly associated with motor vehicle use. The Project vehicle trip generation was obtained from the *3800 Via Oro Long Beach Traffic Impact Analysis* prepared by Kimley-Horn (2025). Based on the *Traffic Impact Analysis* the Project would generate 1,250 daily trips, including 144 truck trips comprised of 24 2-axle trucks, 30 3-axle trucks, and 90 4+-axle trucks. As discussed above, the SCAQMD provides significance thresholds for emissions associated with Project construction and operations. The proposed Project's construction and operational emissions are compared to the daily criteria pollutant emissions significance thresholds in order to determine the significance of a Project's impact on regional air quality.

The localized effects from the Project's on-site emissions were evaluated in accordance with the SCAQMD's LST Methodology, which uses on-site mass emissions rate look-up tables and Project-specific modeling. LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable NAAQS or CAAQS and are developed based on the ambient concentrations of that pollutant for each source receptor area and distance to the nearest sensitive receptor.

5.0 POTENTIAL IMPACTS AND MITIGATION

5.1 Air Quality Analysis

Threshold AQ-1 Would the Project conflict with or obstruct implementation of the applicable air quality plan?

As part of its enforcement responsibilities, the U.S. EPA requires each State with non-attainment areas to prepare and submit a SIP that demonstrates the means to attain the NAAQS. The SIP must integrate federal, State, and local plan components and regulations to identify specific measures to reduce pollution in non-attainment areas, using a combination of performance standards and market-based programs. Similarly, under State law, the CCAA requires an air quality attainment plan to be prepared for areas designated as non-attainment regarding the CAAQS and NAAQS. Air quality attainment plans outline emissions limits and control measures to achieve and maintain these standards by the earliest practical date.

The Project is located within the Basin, which is under the jurisdiction of the SCAQMD. The SCAQMD is required, pursuant to the FCAA, to reduce emissions of criteria pollutants for which the Basin is classified as non-attainment. To reduce such emissions, the SCAQMD drafted the 2016 and 2022 AQMPs (AQMPs). The AQMPs establish a program of rules and regulations directed at reducing air pollutant emissions and achieving CAAQSs and NAAQSs. The AQMPs are a regional and multi-agency effort including the SCAQMD, the CARB, the SCAG, and the U.S. EPA. The plan's pollutant control strategies are based on the latest scientific and technical information and planning assumptions, including SCAG's RTP/SCS, updated emission inventory methodologies for various source categories, and SCAG's latest growth forecasts. SCAG's latest growth forecasts were defined in consultation with local governments and with reference to local general plans. The Project is subject to the SCAQMD AQMPs.

Criteria for determining consistency with the AQMPs are defined by the following indicators:

- **Consistency Criterion No. 1**: The Project will not 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.
- **Consistency Criterion No. 2**: The Project will not exceed the assumptions in the AQMP or increments based on the years of the Project build-out phase.

According to the SCAQMD's *CEQA Air Quality Handbook*, the purpose of the consistency finding is to determine if a project is inconsistent with the assumptions and objectives of the regional air quality plans, and thus if it would interfere with the region's ability to comply with CAAQS and NAAQS.

The violations to which Consistency Criterion No. 1 refers are CAAQS and NAAQS. As discussed in Threshold 5.2, the Project would not exceed construction or operational emissions standards. Therefore, the Project would not contribute to an existing air quality violation. Thus, the Project is consistent with the first criterion.

Concerning Consistency Criterion No. 2, the AQMPs contains air pollutant reduction strategies based on SCAG's latest growth forecasts, and SCAG's growth forecasts were defined in consultation with local governments and with reference to local general plans. The Project is consistent with the land use designation and development density assumed for the site in the City's General Plan and therefore would not exceed the population or job growth projections used by the SCAQMD to develop the AQMPs. Thus, the Project is consistent with the second criterion.

Based on these criteria, the Project would not conflict with or obstruct implementation of the AQMPs, and impacts would be less than significant.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

Threshold AQ-2 Would the Project result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable state or federal ambient air quality standard?

Construction Emissions

Project construction would generate short-term emissions of criteria air pollutants. The criteria pollutants of primary concern within the Project area include O_3-precursor pollutants (i.e., ROG and NO_X), PM10, and PM2.5. Construction-generated emissions are short term and of temporary duration, lasting only as long as construction activities occur, but would be considered a significant air quality impact if the volume of pollutants generated exceeds the SCAQMD's thresholds of significance.

Construction results in the temporary generation of emissions resulting from demolition, site grading, road paving, motor vehicle exhaust associated with construction equipment and worker trips, and the movement of construction equipment, especially on unpaved surfaces. Emissions of airborne particulate matter are largely dependent on the amount of ground disturbance associated with site preparation activities as well as weather conditions and the appropriate application of water.

Project construction activities are estimated to be completed within 19 months. Construction-generated emissions associated with the Project were calculated using the CARB-approved CalEEMod computer program, which is designed to model emissions for land use development projects, based on typical construction requirements. See Appendix A: Air Quality Modeling Data for more information regarding the construction assumptions used in this analysis. Predicted maximum daily construction-generated emissions for the Project are summarized in in Table 8: Construction-Related Emissions .

Fugitive dust emissions may have a substantial, temporary impact on local air quality. In addition, fugitive and uncontrolled dust may be a nuisance and potential health hazard to those living and working in the Project vicinity. SCAQMD Rules 402 and 403 (prohibition of nuisances, watering of inactive and perimeter areas, track out requirements, etc.), are applicable to the Project and were applied in CalEEMod to minimize fugitive dust emissions. Rule 1113 provides specifications on painting practices and regulates the ROG content of paint. The Project would be required to comply with SCAQMD rules and regulations, including SCAQMD Rules 402, 403, and 1113. As shown in Table 8, construction emissions would not exceed SCAQMD threshold for all criteria pollutants. Therefore, impacts would be less than significant.

The Project has also been evaluated based on the following industrial land use mixes: Manufacturing, Warehousing, and Office.

Table 8: Construction-Related Emissions

Construction Year	Maximum Pounds Per Day					
	ROG	NO_X	CO	SO_2	PM10	PM2.5
2026 (Year 1)	3.21	31.2	29.7	0.09	21.1	11.3

Table 8: Construction-Related Emissions						
Construction Year	**Maximum Pounds Per Day**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM10**	**PM2.5**
2027 (Year 2)	3.02	25.7	28.3	0.06	10.5	4.67
2028 (Year 3)	49.1	12.2	22.8	0.04	2.94	0.94
Maximum Emissions	*49*	*31*	*30*	*<0.1*	*21*	*11*
SCAQMD Thresholds	***75***	***100***	***550***	***150***	***150***	***55***
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM10 = Particulate Matter 10 microns in diameter or less; PM2.5 = Particulate Matter 2.5 microns in diameter or less						
Construction emissions were modeled starting in year 2026. Although it is unlikely that construction activities would start in year 2026, the earlier start year provides a conservative estimate of construction emissions. Emission factors for off-road equipment and on-road vehicles are expected to decrease over time due to increasingly stringent regulatory standards and fleet turnover. Therefore, modeling construction in a later year would result in lower emissions estimates.						
SCAQMD Rule 403 Fugitive Dust applied. The Rule 403 reduction/credits include the following: properly maintain mobile and other construction equipment; water exposed surfaces three times daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the SCAQMD CEQA Handbook (Tables XI-A through XI-E) were applied.						
Source: CalEEMod version 2022.1.1.37 Refer to Appendix A for model outputs.						

Operational Emissions

The Project's operational emissions would result from area sources (e.g., landscape maintenance equipment, architectural coatings, etc.), energy sources, mobile sources (i.e., motor vehicle use), stationary sources (i.e., emergency generators), and off-road equipment. Primary sources of operational criteria pollutants are from motor vehicle use and area sources. Long-term operational emissions attributable to the Project are summarized in Table 9: Maximum Daily Project Operational Emissions: Buildout (2028).

Table 9: Maximum Daily Project Operational Emissions: Buildout (2028)						
	Maximum Pounds Per Day[1]					
Source	**ROG**	**NO_X**	**CO**	**SO_2**	**PM10**	**PM2.5**
Buildout (2028)						
Area	10.39	0.12	14.44	<0.01	0.03	0.02
Energy[2]	0	0	0	0	0	0
Mobile	3.67	11.44	36.08	0.16	10.67	2.86
Off-Road – Forklifts[3,4]	0.01	0.08	1.07	0	0	0
Emergency Backup Generator[3]	0.67	1.86	1.70	0	0.10	0.10
Electric Fire Pump[5]	0	0	0	0	0	0
Total Project Emissions	**15**	**14**	**53**	**0.2**	**11**	**3**
SCAQMD Thresholds	***55***	***55***	***550***	***150***	***150***	***55***
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM10 = Particulate Matter 10 microns in diameter or less; PM2.5 = Particulate Matter 2.5 microns in diameter or less						
1. The highest values between summer and winter results were used as a worst-case scenario. 2. Energy emissions account for electricity usage, the project will not utilize natural gas for heating or water. 3. Emissions were calculated with CARB OFFROAD 1.1.2. 4. Emissions were calculated for one forklift operating for eight hours per day. 5. Emissions for an electric fire pump do not produce emissions like diesel fire pumps and are considered negligible.						
Source: CalEEMod version 2022.1.1.37. Refer to Appendix A for model outputs.						

The Project's operational emissions sources are described below.

- *Area Source Emissions*. Area source emissions would be generated due to on-site equipment, architectural coating, and landscape maintenance equipment.

- *Energy Source Emissions*. Energy source emissions would be generated due to electricity usage associated with the Project. The project will not utilize natural gas for heating or water, reducing energy source emissions.

- *Mobile Source Emissions*. Mobile sources are emissions from motor vehicles, including tailpipe and evaporative emissions. Depending upon the pollutant being discussed, the potential air quality impact may be of either regional or local concern. For example, ROG, NO_X, PM10, and PM2.5 are all pollutants of regional concern. NO_X and ROG react with sunlight to form O_3, known as photochemical smog. Additionally, wind currents readily transport PM10 and PM2.5. However, CO tends to be a localized pollutant, dispersing rapidly at the source.

  Project-generated vehicle emissions are based on the trip generation within the *3800 Via Oro Long Beach Traffic Impact Analysis* prepared by Kimley-Horn (2025) and have been incorporated into CalEEMod, as recommended by the SCAQMD. Per the *Traffic Impact Analysis*, the Project would generate 1,250 total daily trips, which includes 144 daily truck trips. An average distance of 20 miles was assumed for trucks trips. It should be noted that this analysis conservatively does not account for emissions reductions associated with trips generated by the existing office use.

- *Off-Road Equipment Emissions.* Operational off-road emissions would be generated by off-road cargo handling equipment used during operational activities. Although the Project is a speculative warehouse development and the end user is unknown, it was conservatively assumed that the Project would use one diesel forklift.

- *Emergency Backup Generators*. A warehouse will typically require one backup generator, to be used in the event of a power failure and would not be part of the Project's normal daily operations. Nonetheless, emissions resulting from periodic testing and maintenance of the generator (typically one day per month for a minimum of a quarter hour but can be up to approximately 4 hours) were included to be conservative.

  Emissions from the emergency backup generator for the warehouse were calculated separately from CalEEMod; refer to Appendix A. Tier 4 final standard emission limits were used. The end user would be required to obtain permits to construct and operate from the SCAQMD. Emergency backup generators must comply with applicable SCAQMD rules, including but not limited to Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines), which would minimize emissions.

As shown in Table 9, and discussed above, net operational (i.e., area, energy, mobile, off-road, and emergency generators) emissions would not exceed SCAQMD thresholds for any criteria pollutant studied. In addition, pursuant to SCAQMD Rule 2305, all warehouses over 100,000 square feet are required to implement emission reduction measures related to warehouse operations and mobile sources. Compliance with SCAQMD Rule 2305 would further reduce criteria pollutants, specifically NO_X and particulate matter emissions. As discussed above in Threshold 2, the Project would be consistent with the 2022 AQMP. Therefore, the Project would not violate any air quality standards or contribute substantially to an existing or projected air quality violation. As a result, operational air quality impacts would be less than significant.

Cumulative Construction Emissions

The Basin is designated non-attainment for O_3, PM10, and PM2.5 CAAQSs and non-attainment for O_3 and PM2.5 NAAQSs. The SCAQMD's *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* notes that projects that result in emissions that do not exceed the project-specific SCAQMD regional thresholds of significance should result in a less than significant impact on a cumulative basis unless there is other pertinent information to the contrary.[7] The mass-based regional significance thresholds published by the SCAQMD are designed to ensure compliance with both NAAQSs and CAAQSs and are based on an inventory of projected emissions in the Basin. Therefore, if a project is estimated to result in emissions that do not exceed the thresholds, the Project's contribution to the cumulative impact on air quality in the Basin would not be cumulatively considerable. As shown in Table 8 above, Project construction-related emissions would not exceed the SCAQMD significance thresholds for criteria pollutants. Therefore, the Project would not generate a cumulatively considerable contribution to air pollutant emissions during construction.

[7] SCAQMD, *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution,* Appendix D, 2003.

The SCAQMD has developed strategies to reduce criteria pollutant emissions outlined in the AQMP pursuant to the FCAA mandates. The analysis assumed that fugitive dust controls would be utilized during construction, including frequent water applications. SCAQMD rules, mandates, and compliance with adopted AQMP emissions control measures would also be imposed on construction projects throughout the Basin, which would include related projects. Compliance with SCAQMD rules and regulations would further reduce the Project construction-related impacts. Therefore, Project-related construction emissions, combined with those from other projects in the area, would not substantially deteriorate local air quality. Construction emissions associated with the Project would not result in a cumulatively considerable contribution to significant cumulative air quality impacts.

Cumulative Operational Impacts

The SCAQMD has not established separate significance thresholds for cumulative operational emissions. The nature of air emissions has largely a cumulative impact. As a result, no single project is sufficient in size to, by itself, result in non-attainment of CAAQSs or NAAQSs. Instead, individual project emissions contribute to existing cumulatively significant adverse air quality impacts. The SCAQMD developed the operational thresholds of significance based on the level above which individual project emissions would result in a cumulatively considerable contribution to the Basin's existing air quality conditions. Therefore, a project that exceeds the SCAQMD operational thresholds would also be a cumulatively considerable contribution to a significant cumulative impact.

Table 9 shows that the net Project operational emissions would not exceed the SCAQMD thresholds. As a result, operational emissions associated with the Project would not represent a cumulatively considerable contribution to significant cumulative air quality impacts. Therefore, cumulative operational impacts would be less than significant.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

Threshold AQ-3 Would the Project expose sensitive receptors to substantial pollutant concentrations?

Localized Construction Impact Analysis

To identify impacts to sensitive receptors, the SCAQMD recommends addressing LSTs for construction. LSTs were developed in response to SCAQMD Governing Boards' Environmental Justice Enhancement Initiative (I-4). The SCAQMD provided the *Final Localized Significance Threshold Methodology* (dated June 2003 [revised 2008]) for guidance. The LST methodology assists lead agencies in analyzing localized impacts associated with Project-specific emissions.

Since CalEEMod calculates construction emissions based on the number of equipment hours and the maximum daily soil disturbance activity possible for each piece of equipment, Table 10: Equipment-Specific Grading Rates is used to determine the maximum daily disturbed acreage for comparison to LSTs. The appropriate SRA for the localized significance thresholds is the South Coastal LA County (SRA 4) as this area includes the Project. LSTs apply to CO, NO_2, PM10, and PM2.5. SCAQMD produced look-up tables for projects that disturb areas less than or equal to 5 acres

in size. Project construction is anticipated to disturb a maximum of 4 acres out of the total Project acreage of 13.32 net acres in a single day. As the LST guidance provides thresholds for projects disturbing 1-, 2-, 4-, and 5-acres in size and the thresholds increase with size of the site, the LSTs for a 4-acre threshold were interpolated and utilized for this analysis.

Table 10: Equipment-Specific Grading Rates

Construction Phase	Equipment Type	Equipment Quantity	Acres Graded per 8-Hour Day	Operating Hours per Day	Acres Graded per Day
Grading	Tractors	2	0.5	8	1
	Graders	1	0.5	8	0.5
	Dozers	1	0.5	8	0.5
	Scrapers	2	1	8	2
				Total Acres Graded per Day	**4**

Source: CalEEMod version 2022.1.1.37. Refer to Appendix A for model outputs.

The SCAQMD's methodology states that "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs." Therefore, only emissions characterized in the CalEEMod as "on-site" emissions were included. The nearest sensitive receptor is the Rancho Dominguez Preparatory School located approximately 920 feet (280 meters) to the northwest of the Project Site. Project-specific LST thresholds were established by interpolation of published values for 200 and 500 meters. Table 11: Localized Significance of Construction Emissions, presents the results of localized emissions during each construction phase. Table 11 shows that emissions of these pollutants on the peak day of construction are less than the project-specific thresholds, and would not result in significant concentrations of pollutants at nearby sensitive receptors. Therefore, localized construction impacts would be less than significant.

Table 11: Localized Significance of Construction Emissions[1, 2]

Construction Activity	Maximum Pounds Per Day			
	NO_x	CO	PM10	PM2.5
Demolition (Year 1)	20.65	19.01	11.42	2.38
Site Preparation (Year 1)	29.16	28.81	20.90	11.25
Grading (Year 1)	27.23	27.57	10.32	4.69
Grading (Year 2)	25.58	27.28	10.25	4.61
Building Construction (Year 2)	9.39	12.94	0.34	0.31
Building Construction (Year 3)	8.92	12.94	0.30	0.28
Paving (Year 3)	6.63	9.91	0.26	0.24
Architectural Coating (Year 3)	0.81	1.12	0.02	0.01
Maximum Daily Emissions	*29*	*29*	*21*	*11*
SCAQMD Localized Screening Threshold (adjusted for 4 acres at 280 meters)	***140***	***5,293***	***111***	***57***
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

NO_X = Nitrogen Oxides; CO = Carbon Monoxide; PM10 = Particulate Matter 10 microns in diameter or less; PM2.5 = Particulate Matter 2.5 microns in diameter or less
1. The highest values between summer and winter results were used as a worst-case scenario.
2. Construction emissions were modeled starting in year 2026.Although it is unlikely that construction activities would start in year 2026, the earlier start year provides a conservative estimate of construction emissions. Emission factors for off-road equipment and on-road vehicles are expected to decrease over time due to increasingly stringent regulatory standards and fleet turnover. Therefore, modeling construction in a later year would result in lower emissions.
Source: CalEEMod version 2022.1.1.37. Refer to Appendix A for model outputs.

Localized Operational Impact Analysis

According to the SCAQMD LST methodology, LSTs would apply to the operational phase of a project only if it includes stationary sources or attracts mobile sources that may spend long periods queuing and idling at the site (e.g., warehouse or transfer facilities). Project-specific operational LST thresholds were established by interpolation of published values for 200 and 500 meters. Although the Project Site is 13.32 net acres, the 4-acre LST values were used, which is conservative as it evaluates the emissions generated by the project as if occurring on a smaller site, thereby compressing the distance from source to receptor.

The emissions shown in Table 12: Localized Significance of Operational Emissions conservatively include on-site Project-related stationary sources, on-site off-road equipment (forklifts), and 12 percent of the Project-related mobile sources, since a portion of mobile sources would include trucks idling on-site.[8] Table 12 shows that the maximum daily emissions of these pollutants during Project operations would not result in significant concentrations of pollutants at nearby sensitive receptors. Therefore, localized operational emissions would be less than significant.

Table 12: Localized Significance of Operational Emissions

Activity	Maximum Pounds Per Day			
	NO_X	**CO**	**PM10**	**PM2.5**
On-Site Emissions[1]	3.43	21.54	1.41	0.46
SCAQMD Localized Screening Threshold (adjusted for 4 acres at 280 meters)	***140***	***5,293***	***27***	***14***
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

NO_X = Nitrogen Oxides; CO = Carbon Monoxide; PM10 = Particulate Matter 10 microns in diameter or less; PM2.5 = Particulate Matter 2.5 microns in diameter or less

1. On-Site sources include area emissions, forklift emissions, emergency back-up generator emissions, and mobile emissions (assuming 12 percent of mobile emissions occur onsite).

Source: CalEEMod version 2022.1.1.37. Refer to Appendix A for model outputs.

Criteria Pollutant Health Impacts

On December 24, 2018, the California Supreme Court issued an opinion identifying the need to provide sufficient information connecting a project's air emissions to health impacts or explain why such information could not be ascertained (*Sierra Club v. County of Fresno* [Friant Ranch, L.P.] [2018] Cal.5th, Case No. S219783).

[8] Per the Traffic Impact Analysis the Project would generate 1,250 total daily vehicle trips, which includes 144 daily truck trips (12 percent of total daily trips).

The SCAQMD has set its CEQA significance thresholds based on the FCAA, which defines a major stationary source (in extreme ozone non-attainment areas such as the Basin) as emitting 10 tons per year. The thresholds correlate with the trigger levels for the federal New Source Review (NSR) Program and SCAQMD Rule 1303 for new or modified sources. The NSR Program[9] was created by the FCAA to ensure that stationary sources of air pollution are constructed or modified in a manner that is consistent with attainment of health-based NAAQSs. The NAAQSs establish the levels of air quality necessary, with an adequate margin of safety, to protect the public health. Therefore, projects that do not exceed the SCAQMD's LSTs and mass emissions thresholds would not violate any air quality standards or contribute substantially to an existing or projected air quality violation and no criteria pollutant health impacts.

As previously discussed, localized effects of on-site Project emissions on nearby receptors were found to be less than significant (refer to Table 12). The LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable state or federal ambient air quality standard. The LSTs were developed by the SCAQMD based on the ambient concentrations of that pollutant for each SRA and distance to the nearest sensitive receptor. The CAAQSs and NAAQSs establish the levels of air quality necessary, with an adequate margin of safety, to protect public health, including protecting the health of sensitive populations. Information on health impacts related to exposure to ozone and particulate matter emissions published by the U.S. EPA and CARB have been summarized above and discussed in the Regulatory Setting section. As shown above, Project-related emissions would not exceed the regional thresholds or the LSTs and therefore would not exceed the CAAQSs or NAAQSs or cause an increase in the frequency or severity of existing violations of air quality standards. Therefore, sensitive receptors would not be exposed to criteria pollutant levels in excess of the health-based CAAQSs or NAAQSs.

Carbon Monoxide Hotspots

An analysis of CO "hot spots" is needed to determine whether the change in the level of service of an intersection resulting from the Project would have the potential to result in exceedances of the CAAQS or NAAQS. It has long been recognized that CO exceedances are caused by vehicular emissions, primarily when vehicles are idling at intersections. Vehicle emissions standards have become increasingly stringent in the last 20 years. Currently, the CO standard in California is a maximum of 3.4 grams per mile for passenger cars (requirements for certain vehicles are more stringent). With the turnover of older vehicles, the introduction of cleaner fuels, and implementation of control technology on industrial facilities, CO concentrations have steadily declined. Accordingly, with the steadily decreasing CO emissions from vehicles, even very busy intersections do not result in exceedances of the CO standard.

The Basin was re-designated as attainment in 2007 and CO is no longer addressed in the SCAQMD's AQMP. The 2003 AQMP is the most recent version that addresses CO concentrations. As part of the SCAQMD *CO Hotspot Analysis*, the Wilshire Boulevard/Veteran Avenue intersection, one of the most congested intersections in Southern California with an average daily traffic (ADT) volume of approximately 100,000 vehicles per day, was modeled for CO concentrations. This modeling effort

[9] Code of Federal Regulation (CFR) [i.e., PSD (40 CFR 52.21, 40 CFR 51.166, 40 CFR 51.165 (b)), Non-attainment NSR (40 CFR 52.24, 40 CFR 51.165, 40 CFR part 51, Appendix S)

identified a CO concentration high of 4.6 ppm, which is well below the 35-ppm Federal standard. The Project considered herein would not produce the volume of traffic required to generate a CO hot spot in the context of SCAQMD's *CO Hotspot Analysis*. As the CO hotspots were not experienced at the Wilshire Boulevard/Veteran Avenue intersection even as it accommodates 100,000 vehicles daily, it can be reasonably inferred that CO hotspots would not be experienced at any vicinity intersections as the Project would result in 1,250 daily trips. Therefore, impacts would be less than significant.

Carcinogenic and Non-Carcinogenic Risk

The Project (between the construction, operations, and construction and operations combined scenario) would result in a maximum cancer risk of 0.41 in one million at the nearest residential receptors, 0.02 in one million at the nearest student receptors, and 0.11 in one million at the nearest worker receptors. Therefore, the SCAQMD threshold of 10 in one million would not be exceeded at the nearest receptors and impacts would be less than significant. Additionally non-cancer risk from construction and operations would be below the SCAQMD threshold of 1.0. See Health Risk Assessment Technical Report for complete methodology, analysis, and conclusion for carcinogenic and non-carcinogenic risk.

AB 617 Consistency

Discussion of the Project's consistency with AB 617 is provided for informational purposes only and demonstrates how the Project would comply with legislation regarding reduction of air pollution in disadvantaged communities. Under AB 617, the CERP for the WWLBC community was approved in September of 2020.

The CERP identifies two actions to reduce impacts from neighborhood truck traffic. The first is to reduce truck idling. The Project is subject to the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling limits and Section 2485 and Section 2449 of Title 13 of the California Code of Regulations, which require idling limits that would advance the CERP goal of addressing impacts from neighborhood truck traffic. With implementation of Mitigation Measure (MM) AQ-1 below, the Project would further limit truck idling, reducing idling emissions over current CARB regulations allowing up to 5 minutes per occurrence.

The second action identified is to reduce emissions from heavy-duty trucks. The Project incorporates design features that support this goal, including routing truck traffic through industrial areas instead of neighborhoods with sensitive land uses.

The CERP also identified four actions to reduce impacts to schools, including public outreach, reducing exposure to harmful pollution at schools, reducing exposure to harmful pollution at homes, and increasing green space in areas where people spend time. The Project will not include public outreach, however, the Project would not result in significant impacts to nearby sensitive land uses, including schools. The Project's routing of truck routes through industrial areas rather than neighborhoods would reduce exposure to harmful pollution at schools and homes. Limiting truck idling would further reduce exposure to harmful pollution at homes and schools. Therefore, the Project would be consistent with the CERP and AB 617.

MM AQ-1 The Project Applicant shall ensure all construction vehicle idling times are limited to

a maximum of two (2) minutes per occurrence and location, both on- and off-site, to reduce localized air quality impacts. Clear signage shall be posted for construction workers at all entrances to the site and in all designated staging areas, stating that idling time is restricted to a maximum of 2 minutes, and shall be verified by the City of Long Beach Community Development Department (City). The signage requirement shall also be indicated on project plans, subject to City approval.

Mitigation Measures: MM AQ-1.

Level of Significance: Less than significant impact with mitigation incorporated.

Threshold AQ-4 Would the Project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Construction

Odors that could be generated by construction activities are required to follow SCAQMD Rule 402 to prevent odor nuisances on sensitive land uses. SCAQMD Rule 402, Nuisance, states:

> *A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.*

Odors may be generated during construction activities such as diesel exhaust, architectural coatings, and paving materials. However, these odors would be temporary, are not expected to affect a substantial number of people and would disperse rapidly. Therefore, impacts related to odors associated with the Project's construction-related activities would be less than significant.

Operations

The SCAQMD *CEQA Air Quality Handbook* identifies certain land uses as sources of odors. These land uses include agriculture (farming and livestock), wastewater treatment plants, food processing plants, chemical plants, composting facilities, refineries, landfills, dairies, and fiberglass molding. The Project would not include any of the land uses that have been identified by the SCAQMD as odor sources. Therefore, the Project would not create objectionable odors and no impact would occur.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

6.0 REFERENCES

1. California Air Pollution Control Officers Association (CAPCOA), *Health Effects*, https://www.icpds.com/assets/California-Air-Pollution-Control-Officers-Association-2021-1642792251.pdf, accessed August 2025.
2. California Air Resources Board, *Aerometric Data Analysis and Measurement System (ADAM),* https://www.arb.ca.gov/adam, accessed August 2025.
3. California Air Resources Board, *Air Quality and Land Use Handbook: A Community Health Perspective*, 2005.
4. California Air Resources Board, *Ambient Air Quality Standards*, May 6, 2016.
5. City of Long Beach, *General Plan*, 2019.
6. City of Long Beach, *Municipal Code*, 2025.
7. South Coast Air Quality Management District, *2022 Air Quality Management Plan,* December 2022.
8. South Coast Air Quality Management District, *CEQA Air Quality Handbook*, 1993.
9. South Coast Air Quality Management District, *High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results*, June 2014.
10. South Coast Air Quality Management District, *Localized Significance Threshold Methodology*, 2009.
11. South Coast Air Quality Management District, *South Coast AQMD Air Quality Significance Thresholds*, April 2019.
12. South Coast Air Quality Management District, *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution,* Appendix D, 2003.
13. United States Environmental Protection Agency, *National Ambient Air Quality Standards Table*, 2025.
14. United States Environmental Protection Agency, *Nonattainment Areas for Criteria Pollutants (Green Book)*, 2025.

Appendix A

Air Quality Modeling Data

3800 Via Oro Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	3800 Via Oro
Construction Start Date	11/1/2026
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.30000
Precipitation (days)	17.4000
Location	33.82952404128427, -118.21144035959969
County	Los Angeles-South Coast
City	Long Beach
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4700
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.37

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
Manufacturing	152.433	1000sqft	3.49938	152,433	0.00000	—	—	—

Unrefrigerated Warehouse-No Rail	155.657	1000sqft	3.57339	155,657	0.00000	—	—	—
General Office Building	24.0000	1000sqft	0.55096	24,000.0	0.00000	—	—	—
Parking Lot	333.000	Space	4.24700	0.00000	0.00000	—	—	—
City Park	1.50000	Acre	1.50000	0.00000	65,270.0	65,270.0	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction 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.	49.1035	48.9306	11.6554	22.0240	0.03564	0.34881	2.25743	2.60624	0.32189	0.54864	0.87053	—	5,882.86	5,882.86	0.24486	0.31433	10.0170	5,992.67
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	49.4946	49.1302	31.2079	29.7727	0.08959	1.24251	19.8858	21.1283	1.14311	10.1561	11.2992	—	12,006.4	12,006.4	0.61240	1.37449	0.50588	12,431.8
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.99056	8.92383	9.17147	15.4621	0.02674	0.28448	1.96284	2.24731	0.26237	0.54891	0.81128	—	4,205.83	4,205.83	0.14115	0.21174	2.88355	4,275.34
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.64078	1.62860	1.67379	2.82183	0.00488	0.05192	0.35822	0.41013	0.04788	0.10018	0.14806	—	696.323	696.323	0.02337	0.03506	0.47740	707.831

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.89148	1.56731	11.6554	22.0240	0.03564	0.34881	2.25743	2.60624	0.32189	0.54864	0.87053	—	5,882.86	5,882.86	0.24486	0.31433	10.0170	5,992.67
2028	49.1035	48.9306	7.58015	13.4207	0.01568	0.27090	0.55441	0.82531	0.24923	0.12995	0.37918	—	2,198.13	2,198.13	0.07232	0.03345	1.57829	2,211.48
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	3.81419	3.20791	31.2079	29.7727	0.08959	1.24251	19.8858	21.1283	1.14311	10.1561	11.2992	—	12,006.4	12,006.4	0.61240	1.37449	0.50588	12,431.8
2027	3.58493	3.01513	25.6663	28.2995	0.06093	1.04307	9.46501	10.5081	0.95962	3.71503	4.67465	—	6,850.06	6,850.06	0.27117	0.31433	0.25982	6,875.64
2028	49.4946	49.1302	12.1540	22.7743	0.03737	0.32783	2.61578	2.94361	0.30259	0.63264	0.93523	—	6,192.75	6,192.75	0.18637	0.32842	0.26489	6,295.54
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.41337	0.32700	3.42675	3.07976	0.00828	0.12350	1.57396	1.69746	0.11410	0.52608	0.64017	—	1,037.52	1,037.52	0.04902	0.07882	0.48185	1,062.72
2027	1.43321	1.18636	9.17147	15.4621	0.02674	0.28448	1.96284	2.24731	0.26237	0.54891	0.81128	—	4,205.83	4,205.83	0.14115	0.21174	2.88355	4,275.34
2028	8.99056	8.92383	2.33631	4.34561	0.00680	0.06692	0.43303	0.49995	0.06173	0.10456	0.16628	—	1,101.32	1,101.32	0.03359	0.05405	0.73079	1,119.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.07544	0.05968	0.62538	0.56206	0.00151	0.02254	0.28725	0.30979	0.02082	0.09601	0.11683	—	171.773	171.773	0.00812	0.01305	0.07978	175.945
2027	0.26156	0.21651	1.67379	2.82183	0.00488	0.05192	0.35822	0.41013	0.04788	0.10018	0.14806	—	696.323	696.323	0.02337	0.03506	0.47740	707.831
2028	1.64078	1.62860	0.42638	0.79307	0.00124	0.01221	0.07903	0.09124	0.01126	0.01908	0.03035	—	182.336	182.336	0.00556	0.00895	0.12099	185.263

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.	14.9773	14.0575	10.9799	50.5194	0.15674	0.18374	10.5103	10.6940	0.16933	2.70813	2.87746	337.521	25,578.9	25,916.5	35.3589	1.90782	83.2578	27,452.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.3625	11.6390	11.4415	33.2973	0.15241	0.15829	10.5103	10.6686	0.15014	2.70813	2.85827	337.521	25,169.6	25,507.1	35.3692	1.92391	40.8661	27,005.5
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	14.1017	13.2422	11.6416	44.0037	0.15393	0.17574	10.3991	10.5748	0.16331	2.68032	2.84363	337.521	25,303.6	25,641.2	35.3688	1.92526	58.5293	27,157.6
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.57356	2.41670	2.12458	8.03067	0.02809	0.03207	1.89783	1.92990	0.02980	0.48916	0.51896	55.8805	4,189.31	4,245.19	5.85571	0.31875	9.69020	4,496.26

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	4.39046	3.66887	10.8584	36.0761	0.15587	0.15809	10.5103	10.6684	0.14994	2.70813	2.85807	—	16,443.0	16,443.0	0.68425	1.48654	43.5204	16,946.6
Area	10.5868	10.3886	0.12152	14.4432	0.00086	0.02565	—	0.02565	0.01939	—	0.01939	—	59.3932	59.3932	0.00249	0.00051	—	59.6073
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	8,311.62	8,311.62	0.51559	0.06250	—	8,343.13
Water	—	—	—	—	—	—	—	—	—	—	—	144.698	764.927	909.625	14.8845	0.35828	—	1,388.50
Waste	—	—	—	—	—	—	—	—	—	—	—	192.823	0.00000	192.823	19.2720	0.00000	—	674.624
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.7374	39.7374
Total	14.9773	14.0575	10.9799	50.5194	0.15674	0.18374	10.5103	10.6940	0.16933	2.70813	2.87746	337.521	25,578.9	25,916.5	35.3589	1.90782	83.2578	27,452.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.34635	3.62284	11.4415	33.2973	0.15241	0.15829	10.5103	10.6686	0.15014	2.70813	2.85827	—	16,093.0	16,093.0	0.69710	1.50314	1.12875	16,559.5
Area	8.01613	8.01613	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	8,311.62	8,311.62	0.51559	0.06250	—	8,343.13
Water	—	—	—	—	—	—	—	—	—	—	—	144.698	764.927	909.625	14.8845	0.35828	—	1,388.50
Waste	—	—	—	—	—	—	—	—	—	—	—	192.823	0.00000	192.823	19.2720	0.00000	—	674.624
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.7374	39.7374
Total	12.3625	11.6390	11.4415	33.2973	0.15241	0.15829	10.5103	10.6686	0.15014	2.70813	2.85827	337.521	25,169.6	25,507.1	35.3692	1.92391	40.8661	27,005.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.32483	3.60107	11.5583	34.1111	0.15334	0.15817	10.3991	10.5572	0.15003	2.68032	2.83035	—	16,186.4	16,186.4	0.69499	1.50414	18.7920	16,670.8
Area	9.77687	9.64110	0.08324	9.89263	0.00059	0.01757	—	0.01757	0.01328	—	0.01328	—	40.6803	40.6803	0.00171	0.00035	—	40.8269
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	8,311.62	8,311.62	0.51559	0.06250	—	8,343.13
Water	—	—	—	—	—	—	—	—	—	—	—	144.698	764.927	909.625	14.8845	0.35828	—	1,388.50
Waste	—	—	—	—	—	—	—	—	—	—	—	192.823	0.00000	192.823	19.2720	0.00000	—	674.624
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.7374	39.7374
Total	14.1017	13.2422	11.6416	44.0037	0.15393	0.17574	10.3991	10.5748	0.16331	2.68032	2.84363	337.521	25,303.6	25,641.2	35.3688	1.92526	58.5293	27,157.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.78928	0.65719	2.10939	6.22527	0.02798	0.02887	1.89783	1.92669	0.02738	0.48916	0.51654	—	2,679.85	2,679.85	0.11506	0.24903	3.11123	2,760.04
Area	1.78428	1.75950	0.01519	1.80540	0.00011	0.00321	—	0.00321	0.00242	—	0.00242	—	6.73508	6.73508	0.00028	0.00006	—	6.75937
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,376.08	1,376.08	0.08536	0.01035	—	1,381.30
Water	—	—	—	—	—	—	—	—	—	—	—	23.9564	126.642	150.599	2.46431	0.05932	—	229.883
Waste	—	—	—	—	—	—	—	—	—	—	—	31.9241	0.00000	31.9241	3.19070	0.00000	—	111.692
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.57897	6.57897
Total	2.57356	2.41670	2.12458	8.03067	0.02809	0.03207	1.89783	1.92990	0.02980	0.48916	0.51896	55.8805	4,189.31	4,245.19	5.85571	0.31875	9.69020	4,496.26

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.72490	2.28674	20.6515	19.0056	0.03253	0.84309	—	0.84309	0.77564	—	0.77564	—	3,426.59	3,426.59	0.13900	0.02780	—	3,438.35
Demolition	—	—	—	—	—	—	10.5788	10.5788	—	1.60193	1.60193	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14931	0.12530	1.13159	1.04140	0.00178	0.04620	—	0.04620	0.04250	—	0.04250	—	187.759	187.759	0.00762	0.00152	—	188.403
Demolition	—	—	—	—	—	—	0.57966	0.57966	—	0.08778	0.08778	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02725	0.02287	0.20652	0.19006	0.00033	0.00843	—	0.00843	0.00776	—	0.00776	—	31.0856	31.0856	0.00126	0.00025	—	31.1922
Demolition	—	—	—	—	—	—	0.10579	0.10579	—	0.01602	0.01602	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06234	0.05490	0.06531	0.82673	0.00000	0.00000	0.19606	0.19606	0.00000	0.04596	0.04596	—	192.664	192.664	0.00876	0.00711	0.01785	195.020
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.59507	0.12499	10.4911	4.01058	0.05706	0.10869	2.28505	2.39374	0.10869	0.62561	0.73430	—	8,387.15	8,387.15	0.46464	1.33958	0.48803	8,798.45
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00340	0.00299	0.00390	0.04741	0.00000	0.00000	0.01062	0.01062	0.00000	0.00249	0.00249	—	10.7127	10.7127	0.00048	0.00039	0.01630	10.8571
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.03290	0.00715	0.58111	0.21842	0.00313	0.00596	0.12414	0.13010	0.00596	0.03401	0.03997	—	459.458	459.458	0.02546	0.07340	0.44285	482.411
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00062	0.00055	0.00071	0.00865	0.00000	0.00000	0.00194	0.00194	0.00000	0.00045	0.00045	—	1.77361	1.77361	0.00008	0.00006	0.00270	1.79752
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00601	0.00130	0.10605	0.03986	0.00057	0.00109	0.02266	0.02374	0.00109	0.00621	0.00729	—	76.0684	76.0684	0.00422	0.01215	0.07332	79.8686

3.3. Site Preparation (2026) - Unmitigated

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

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

Off-Road Equipment	3.74146	3.14387	29.1635	28.8082	0.04890	1.24251	—	1.24251	1.14311	—	1.14311	—	5,297.94	5,297.94	0.21491	0.04298	—	5,316.12
Dust From Material Movement	—	—	—	—	—	—	19.6570	19.6570	—	10.1024	10.1024	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10251	0.08613	0.79900	0.78927	0.00134	0.03404	—	0.03404	0.03132	—	0.03132	—	145.149	145.149	0.00589	0.00118	—	145.647
Dust From Material Movement	—	—	—	—	—	—	0.53855	0.53855	—	0.27678	0.27678	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01871	0.01572	0.14582	0.14404	0.00024	0.00621	—	0.00621	0.00572	—	0.00572	—	24.0311	24.0311	0.00097	0.00019	—	24.1135
Dust From Material Movement	—	—	—	—	—	—	0.09829	0.09829	—	0.05051	0.05051	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07272	0.06404	0.07620	0.96452	0.00000	0.00000	0.22874	0.22874	0.00000	0.05362	0.05362	—	224.775	224.775	0.01022	0.00829	0.02082	227.523
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00198	0.00174	0.00227	0.02766	0.00000	0.00000	0.00620	0.00620	0.00000	0.00145	0.00145	—	6.24909	6.24909	0.00028	0.00023	0.00951	6.33332
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00036	0.00032	0.00041	0.00505	0.00000	0.00000	0.00113	0.00113	0.00000	0.00026	0.00026	—	1.03461	1.03461	0.00005	0.00004	0.00157	1.04855
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Grading (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.62261	3.04400	27.2253	27.5707	0.06093	1.12137	—	1.12137	1.03166	—	1.03166	—	6,598.58	6,598.58	0.26767	0.05353	—	6,621.22

Dust From Material Movement	—	—	—	—	—	—	9.20359	9.20359	—	3.65375	3.65375	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12052	0.10127	0.90573	0.91722	0.00203	0.03731	—	0.03731	0.03432	—	0.03432	—	219.522	219.522	0.00890	0.00178	—	220.275
Dust From Material Movement	—	—	—	—	—	—	0.30619	0.30619	—	0.12155	0.12155	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02199	0.01848	0.16530	0.16739	0.00037	0.00681	—	0.00681	0.00626	—	0.00626	—	36.3444	36.3444	0.00147	0.00029	—	36.4691
Dust From Material Movement	—	—	—	—	—	—	0.05588	0.05588	—	0.02218	0.02218	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08311	0.07319	0.08708	1.10231	0.00000	0.00000	0.26142	0.26142	0.00000	0.06128	0.06128	—	256.886	256.886	0.01168	0.00948	0.02380	260.027

Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00275	0.00242	0.00315	0.03838	0.00000	0.00000	0.00860	0.00860	0.00000	0.00201	0.00201	—	8.67221	8.67221	0.00039	0.00032	0.01319	8.78910
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00050	0.00044	0.00058	0.00700	0.00000	0.00000	0.00157	0.00157	0.00000	0.00037	0.00037	—	1.43578	1.43578	0.00006	0.00005	0.00218	1.45514
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7. Grading (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.50534	2.94546	25.5801	27.2816	0.06093	1.04307	—	1.04307	0.95962	—	0.95962	—	6,598.08	6,598.08	0.26765	0.05353	—	6,620.72
Dust From Material Movement	—	—	—	—	—	—	9.20359	9.20359	—	3.65375	3.65375	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17835	0.14987	1.30153	1.38811	0.00310	0.05307	—	0.05307	0.04883	—	0.04883	—	335.714	335.714	0.01362	0.00272	—	336.866
Dust From Material Movement	—	—	—	—	—	—	0.46828	0.46828	—	0.18591	0.18591	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03255	0.02735	0.23753	0.25333	0.00057	0.00969	—	0.00969	0.00891	—	0.00891	—	55.5813	55.5813	0.00225	0.00045	—	55.7721
Dust From Material Movement	—	—	—	—	—	—	0.08546	0.08546	—	0.03393	0.03393	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07959	0.06967	0.08620	1.01787	0.00000	0.00000	0.26142	0.26142	0.00000	0.06128	0.06128	—	251.980	251.980	0.00353	0.00948	0.02146	254.915
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00405	0.00354	0.00439	0.05443	0.00000	0.00000	0.01315	0.01315	0.00000	0.00308	0.00308	—	13.0101	13.0101	0.00018	0.00048	0.01816	13.1765

Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00074	0.00065	0.00080	0.00993	0.00000	0.00000	0.00240	0.00240	0.00000	0.00056	0.00056	—	2.15397	2.15397	0.00003	0.00008	0.00301	2.18151
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.9. Building Construction (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23076	1.02988	9.39093	12.9379	0.02340	0.33657	—	0.33657	0.30965	—	0.30965	—	2,397.08	2,397.08	0.09724	0.01945	—	2,405.30
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23076	1.02988	9.39093	12.9379	0.02340	0.33657	—	0.33657	0.30965	—	0.30965	—	2,397.08	2,397.08	0.09724	0.01945	—	2,405.30
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.81649	0.68323	6.22999	8.58310	0.01552	0.22329	—	0.22329	0.20542	—	0.20542	—	1,590.23	1,590.23	0.06451	0.01290	—	1,595.69
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14901	0.12469	1.13697	1.56642	0.00283	0.04075	—	0.04075	0.03749	—	0.03749	—	263.281	263.281	0.01068	0.00214	—	264.185
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.55152	0.48655	0.47295	8.23357	0.00000	0.00000	1.79174	1.79174	0.00000	0.41998	0.41998	—	1,821.67	1,821.67	0.07706	0.06497	5.67633	1,848.64
Vendor	0.10920	0.05088	1.79155	0.85246	0.01224	0.01224	0.46569	0.47793	0.01224	0.12866	0.14090	—	1,664.11	1,664.11	0.07056	0.22991	4.34067	1,738.73
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.54548	0.47748	0.59081	6.97640	0.00000	0.00000	1.79174	1.79174	0.00000	0.41998	0.41998	—	1,727.05	1,727.05	0.02418	0.06497	0.14710	1,747.16
Vendor	0.10680	0.04848	1.86331	0.87286	0.01224	0.01224	0.46569	0.47793	0.01224	0.12866	0.14090	—	1,665.03	1,665.03	0.07056	0.22991	0.11272	1,735.42
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36187	0.31677	0.39195	4.86375	0.00000	0.00000	1.17536	1.17536	0.00000	0.27530	0.27530	—	1,162.64	1,162.64	0.01604	0.04310	1.62297	1,177.50
Vendor	0.07244	0.03296	1.24361	0.57269	0.00812	0.00812	0.30604	0.31416	0.00812	0.08463	0.09275	—	1,104.23	1,104.23	0.04681	0.15253	1.24242	1,152.10
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06604	0.05781	0.07153	0.88763	0.00000	0.00000	0.21450	0.21450	0.00000	0.05024	0.05024	—	192.488	192.488	0.00266	0.00714	0.26870	194.949

Vendor	0.01322	0.00601	0.22696	0.10452	0.00148	0.00148	0.05585	0.05733	0.00148	0.01544	0.01693	—	182.819	182.819	0.00775	0.02525	0.20570	190.743
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.11. Building Construction (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.18481	0.99143	8.92495	12.9352	0.02340	0.30024	—	0.30024	0.27622	—	0.27622	—	2,397.46	2,397.46	0.09725	0.01945	—	2,405.68
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19013	0.15909	1.43218	2.07572	0.00376	0.04818	—	0.04818	0.04432	—	0.04432	—	384.719	384.719	0.01561	0.00312	—	386.039
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03470	0.02903	0.26137	0.37882	0.00069	0.00879	—	0.00879	0.00809	—	0.00809	—	63.6946	63.6946	0.00258	0.00052	—	63.9132
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53037	0.46540	0.53188	6.57447	0.00000	0.00000	1.79174	1.79174	0.00000	0.41998	0.41998	—	1,696.26	1,696.26	0.02115	0.06497	0.13191	1,716.28
Vendor	0.10680	0.03624	1.78267	0.83134	0.01224	0.01224	0.46569	0.47793	0.01224	0.12866	0.14090	—	1,626.26	1,626.26	0.05832	0.22991	0.10659	1,696.34
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08462	0.07420	0.08487	1.10301	0.00000	0.00000	0.28431	0.28431	0.00000	0.06659	0.06659	—	276.216	276.216	0.00339	0.01043	0.35409	279.762
Vendor	0.01733	0.00601	0.28768	0.13186	0.00196	0.00196	0.07403	0.07599	0.00196	0.02047	0.02243	—	260.877	260.877	0.00936	0.03689	0.28367	272.389
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01544	0.01354	0.01549	0.20130	0.00000	0.00000	0.05189	0.05189	0.00000	0.01215	0.01215	—	45.7307	45.7307	0.00056	0.00173	0.05862	46.3178
Vendor	0.00316	0.00110	0.05250	0.02407	0.00036	0.00036	0.01351	0.01387	0.00036	0.00374	0.00409	—	43.1911	43.1911	0.00155	0.00611	0.04697	45.0970
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.13. Paving (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81550	0.68524	6.62754	9.90989	0.01395	0.25554	—	0.25554	0.23510	—	0.23510	—	1,511.03	1,511.03	0.06129	0.01226	—	1,516.22
Paving	0.55636	0.55636	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81550	0.68524	6.62754	9.90989	0.01395	0.25554	—	0.25554	0.23510	—	0.23510	—	1,511.03	1,511.03	0.06129	0.01226	—	1,516.22
Paving	0.55636	0.55636	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04468	0.03755	0.36315	0.54301	0.00076	0.01400	—	0.01400	0.01288	—	0.01288	—	82.7962	82.7962	0.00336	0.00067	—	83.0803
Paving	0.03049	0.03049	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00815	0.00685	0.06628	0.09910	0.00014	0.00256	—	0.00256	0.00235	—	0.00235	—	13.7079	13.7079	0.00056	0.00011	—	13.7549
Paving	0.00556	0.00556	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05837	0.05126	0.05109	0.84608	0.00000	0.00000	0.19606	0.19606	0.00000	0.04596	0.04596	—	195.771	195.771	0.00198	0.00711	0.55815	198.498
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05804	0.05093	0.05820	0.71942	0.00000	0.00000	0.19606	0.19606	0.00000	0.04596	0.04596	—	185.616	185.616	0.00231	0.00711	0.01444	187.807
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00316	0.00277	0.00317	0.04121	0.00000	0.00000	0.01062	0.01062	0.00000	0.00249	0.00249	—	10.3209	10.3209	0.00013	0.00039	0.01323	10.4534
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00058	0.00051	0.00058	0.00752	0.00000	0.00000	0.00194	0.00194	0.00000	0.00045	0.00045	—	1.70874	1.70874	0.00002	0.00006	0.00219	1.73068
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.15. Architectural Coating (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12985	0.10731	0.80814	1.11833	0.00173	0.01536	—	0.01536	0.01413	—	0.01413	—	133.517	133.517	0.00542	0.00108	—	133.975
Architectural Coatings	47.4367	47.4367	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12985	0.10731	0.80814	1.11833	0.00173	0.01536	—	0.01536	0.01413	—	0.01413	—	133.517	133.517	0.00542	0.00108	—	133.975
Architectural Coatings	47.4367	47.4367	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02348	0.01940	0.14613	0.20222	0.00031	0.00278	—	0.00278	0.00255	—	0.00255	—	24.1428	24.1428	0.00098	0.00020	—	24.2257
Architectural Coatings	8.57760	8.57760	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00428	0.00354	0.02667	0.03690	0.00006	0.00051	—	0.00051	0.00047	—	0.00047	—	3.99712	3.99712	0.00016	0.00003	—	4.01083
Architectural Coatings	1.56541	1.56541	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10668	0.09368	0.09338	1.54638	0.00000	0.00000	0.35835	0.35835	0.00000	0.08400	0.08400	—	357.812	357.812	0.00363	0.01299	1.02014	362.796
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10607	0.09308	0.10638	1.31489	0.00000	0.00000	0.35835	0.35835	0.00000	0.08400	0.08400	—	339.251	339.251	0.00423	0.01299	0.02638	343.256
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01907	0.01672	0.01913	0.24858	0.00000	0.00000	0.06407	0.06407	0.00000	0.01501	0.01501	—	62.2496	62.2496	0.00077	0.00235	0.07980	63.0488
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00348	0.00305	0.00349	0.04537	0.00000	0.00000	0.01169	0.01169	0.00000	0.00274	0.00274	—	10.3061	10.3061	0.00013	0.00039	0.01321	10.4384
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.53496	0.20020	8.18206	3.58076	0.07296	0.10910	2.56207	2.67117	0.10434	0.68919	0.79353	—	7,961.78	7,961.78	0.31509	1.16937	19.9487	8,338.07
Unrefrigerated Warehouse-No Rail	3.85550	3.46867	2.67630	32.4954	0.08291	0.04898	7.94820	7.99718	0.04560	2.01894	2.06454	—	8,481.22	8,481.22	0.36916	0.31717	23.5718	8,608.54
General Office Building	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	4.39046	3.66887	10.8584	36.0761	0.15587	0.15809	10.5103	10.6684	0.14994	2.70813	2.85807	—	16,443.0	16,443.0	0.68425	1.48654	43.5204	16,946.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.52615	0.19247	8.51395	3.61213	0.07299	0.10928	2.56207	2.67136	0.10451	0.68919	0.79370	—	7,964.64	7,964.64	0.31475	1.17036	0.51757	8,321.79
Unrefrigerated Warehouse-No Rail	3.82019	3.43038	2.92752	29.6851	0.07942	0.04901	7.94820	7.99721	0.04563	2.01894	2.06457	—	8,128.39	8,128.39	0.38235	0.33278	0.61118	8,237.73
General Office Building	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	4.34635	3.62284	11.4415	33.2973	0.15241	0.15829	10.5103	10.6686	0.15014	2.70813	2.85827	—	16,093.0	16,093.0	0.69710	1.50314	1.12875	16,559.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Manufac	0.09687	0.03587	1.56972	0.65568	0.01332	0.01993	0.46343	0.48335	0.01906	0.12474	0.14379	—	1,318.36	1,318.36	0.05214	0.19374	1.42613	1,378.83
Unrefrigerated Warehouse-No Rail	0.69241	0.62133	0.53968	5.56959	0.01467	0.00894	1.43440	1.44334	0.00832	0.36442	0.37274	—	1,361.48	1,361.48	0.06292	0.05529	1.68510	1,381.22
General Office Building	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.78928	0.65719	2.10939	6.22527	0.02798	0.02887	1.89783	1.92669	0.02738	0.48916	0.51654	—	2,679.85	2,679.85	0.11506	0.24903	3.11123	2,760.04

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	4,918.22	4,918.22	0.30509	0.03698	—	4,936.87
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	2,343.52	2,343.52	0.14537	0.01762	—	2,352.41
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	883.199	883.199	0.05479	0.00664	—	886.548

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	166.680	166.680	0.01034	0.00125	—	167.312
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	8,311.62	8,311.62	0.51559	0.06250	—	8,343.13
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	4,918.22	4,918.22	0.30509	0.03698	—	4,936.87
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	2,343.52	2,343.52	0.14537	0.01762	—	2,352.41
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	883.199	883.199	0.05479	0.00664	—	886.548
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	166.680	166.680	0.01034	0.00125	—	167.312
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	8,311.62	8,311.62	0.51559	0.06250	—	8,343.13
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	814.267	814.267	0.05051	0.00612	—	817.355
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	387.997	387.997	0.02407	0.00292	—	389.468
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	146.224	146.224	0.00907	0.00110	—	146.778
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	27.5958	27.5958	0.00171	0.00021	—	27.7004

City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,376.08	1,376.08	0.08536	0.01035	—	1,381.30

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Unrefrigerated Warehouse-No Rail	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
General Office Building	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Unrefrigerated Warehouse-No Rail	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

General Office Building	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Unrefrigerated Warehouse-No Rail	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
General Office Building	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

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	7.15837	7.15837	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.85776	0.85776	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.57068	2.37246	0.12152	14.4432	0.00086	0.02565	—	0.02565	0.01939	—	0.01939	—	59.3932	59.3932	0.00249	0.00051	—	59.6073
Total	10.5868	10.3886	0.12152	14.4432	0.00086	0.02565	—	0.02565	0.01939	—	0.01939	—	59.3932	59.3932	0.00249	0.00051	—	59.6073
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	7.15837	7.15837	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.85776	0.85776	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	8.01613	8.01613	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.30640	1.30640	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.15654	0.15654	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.32134	0.29656	0.01519	1.80540	0.00011	0.00321	—	0.00321	0.00242	—	0.00242	—	6.73508	6.73508	0.00028	0.00006	—	6.75937
Total	1.78428	1.75950	0.01519	1.80540	0.00011	0.00321	—	0.00321	0.00242	—	0.00242	—	6.73508	6.73508	0.00028	0.00006	—	6.75937

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	67.5476	349.737	417.285	6.94792	0.16719	—	640.807
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	68.9762	357.135	426.111	7.09487	0.17073	—	654.360
General Office Building	—	—	—	—	—	—	—	—	—	—	—	8.17391	42.3216	50.4956	0.84077	0.02023	—	77.5439
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	15.7335	15.7335	0.00098	0.00012	—	15.7932
Total	—	—	—	—	—	—	—	—	—	—	—	144.698	764.927	909.625	14.8845	0.35828	—	1,388.50
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	67.5476	349.737	417.285	6.94792	0.16719	—	640.807
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	68.9762	357.135	426.111	7.09487	0.17073	—	654.360

General Office Building	—	—	—	—	—	—	—	—	—	—	—	8.17391	42.3216	50.4956	0.84077	0.02023	—	77.5439
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	15.7335	15.7335	0.00098	0.00012	—	15.7932
Total	—	—	—	—	—	—	—	—	—	—	—	144.698	764.927	909.625	14.8845	0.35828	—	1,388.50
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	11.1833	57.9030	69.0863	1.15031	0.02768	—	106.093
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	11.4198	59.1277	70.5475	1.17464	0.02827	—	108.337
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.35328	7.00683	8.36012	0.13920	0.00335	—	12.8383
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00000	2.60487	2.60487	0.00016	0.00002	—	2.61474
Total	—	—	—	—	—	—	—	—	—	—	—	23.9564	126.642	150.599	2.46431	0.05932	—	229.883

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Manufac	—	—	—	—	—	—	—	—	—	—	—	101.869	0.00000	101.869	10.1814	0.00000	—	356.403
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	78.8562	0.00000	78.8562	7.88140	0.00000	—	275.891
General Office Building	—	—	—	—	—	—	—	—	—	—	—	12.0291	0.00000	12.0291	1.20227	0.00000	—	42.0858
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
City Park	—	—	—	—	—	—	—	—	—	—	—	0.06952	0.00000	0.06952	0.00695	0.00000	—	0.24324
Total	—	—	—	—	—	—	—	—	—	—	—	192.823	0.00000	192.823	19.2720	0.00000	—	674.624
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	101.869	0.00000	101.869	10.1814	0.00000	—	356.403
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	78.8562	0.00000	78.8562	7.88140	0.00000	—	275.891
General Office Building	—	—	—	—	—	—	—	—	—	—	—	12.0291	0.00000	12.0291	1.20227	0.00000	—	42.0858
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
City Park	—	—	—	—	—	—	—	—	—	—	—	0.06952	0.00000	0.06952	0.00695	0.00000	—	0.24324
Total	—	—	—	—	—	—	—	—	—	—	—	192.823	0.00000	192.823	19.2720	0.00000	—	674.624
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	16.8655	0.00000	16.8655	1.68565	0.00000	—	59.0067

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	13.0555	0.00000	13.0555	1.30486	0.00000	—	45.6769
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.99156	0.00000	1.99156	0.19905	0.00000	—	6.96778
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
City Park	—	—	—	—	—	—	—	—	—	—	—	0.01151	0.00000	0.01151	0.00115	0.00000	—	0.04027
Total	—	—	—	—	—	—	—	—	—	—	—	31.9241	0.00000	31.9241	3.19070	0.00000	—	111.692

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.6790	39.6790
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05837	0.05837
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.7374	39.7374
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.6790	39.6790

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05837	0.05837
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.7374	39.7374
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.56931	6.56931
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00966	0.00966
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.57897	6.57897

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. 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

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	11/1/2026	11/29/2026	5.00000	20.0000	—
Site Preparation	Site Preparation	11/30/2026	12/14/2026	5.00000	10.00000	—
Grading	Grading	12/15/2026	1/26/2027	5.00000	30.0000	—
Building Construction	Building Construction	1/27/2027	3/22/2028	5.00000	300.000	—
Paving	Paving	3/23/2028	4/20/2028	5.00000	20.0000	—
Architectural Coating	Architectural Coating	3/1/2028	5/31/2028	5.00000	66.0000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.000000	8.00000	33.0000	0.73000
Demolition	Excavators	Diesel	Average	3.00000	8.00000	36.0000	0.38000
Demolition	Rubber Tired Dozers	Diesel	Average	2.00000	8.00000	367.000	0.40000

Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00000	8.00000	84.0000	0.37000
Grading	Excavators	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	84.0000	0.37000
Grading	Scrapers	Diesel	Average	2.00000	8.00000	423.000	0.48000
Building Construction	Cranes	Diesel	Average	1.000000	7.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Average	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	7.00000	84.0000	0.37000
Building Construction	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Paving	Pavers	Diesel	Average	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	Worker	15.0000	18.5000	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2000	HHDT,MHDT
Demolition	Hauling	123.250	20.0000	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	Worker	17.5000	18.5000	LDA,LDT1,LDT2

Site Preparation	Vendor	—	10.2000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	20.0000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	—	10.2000	HHDT,MHDT
Grading	Hauling	0.00000	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	137.078	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	54.4296	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	15.0000	18.5000	LDA,LDT1,LDT2
Paving	Vendor	—	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	27.4156	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	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)
Architectural Coating	0.00000	0.00000	498,135	166,045	11,100.0

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Ton of Debris)	Material Exported (Ton of Debris)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00000	0.00000	0.00000	9,858.00	0.00000
Site Preparation	0.00000	0.00000	15.0000	0.00000	0.00000
Grading	0.00000	0.00000	90.0000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	4.24700

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Manufacturing	0.00000	0%
Paving	Unrefrigerated Warehouse-No Rail	0.00000	0%
Paving	General Office Building	0.00000	0%
Paving	Parking Lot	4.24700	100%
Paving	City Park	0.00000	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00000	531.983	0.03300	0.00400
2027	0.00000	531.983	0.03300	0.00400
2028	0.00000	531.983	0.03300	0.00400

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
Manufacturing	144.003	144.003	144.003	52,561.3	2,880.07	2,880.07	2,880.07	1,051,225
Unrefrigerated Warehouse-No Rail	1,105.94	1,105.94	1,105.94	403,669	11,207.5	11,207.5	11,207.5	4,090,739
General Office Building	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Manufacturing	Wood Fireplaces	0	0
Manufacturing	Gas Fireplaces	0	0
Manufacturing	Propane Fireplaces	0	0
Manufacturing	Electric Fireplaces	0	0
Manufacturing	No Fireplaces	0	0
Manufacturing	Conventional Wood Stoves	0	0
Manufacturing	Catalytic Wood Stoves	0	0
Manufacturing	Non-Catalytic Wood Stoves	0	0
Manufacturing	Pellet Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Wood Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Gas Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Propane Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Electric Fireplaces	0	0

Unrefrigerated Warehouse-No Rail	No Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Conventional Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Catalytic Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Non-Catalytic Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Pellet Wood Stoves	0	0
General Office Building	Wood Fireplaces	0	0
General Office Building	Gas Fireplaces	0	0
General Office Building	Propane Fireplaces	0	0
General Office Building	Electric Fireplaces	0	0
General Office Building	No Fireplaces	0	0
General Office Building	Conventional Wood Stoves	0	0
General Office Building	Catalytic Wood Stoves	0	0
General Office Building	Non-Catalytic Wood Stoves	0	0
General Office Building	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0
Parking Lot	Catalytic Wood Stoves	0	0
Parking Lot	Non-Catalytic Wood Stoves	0	0
Parking Lot	Pellet Wood Stoves	0	0
City Park	Wood Fireplaces	0	0
City Park	Gas Fireplaces	0	0
City Park	Propane Fireplaces	0	0
City Park	Electric Fireplaces	0	0
City Park	No Fireplaces	0	0

City Park	Conventional Wood Stoves	0	0
City Park	Catalytic Wood Stoves	0	0
City Park	Non-Catalytic Wood Stoves	0	0
City Park	Pellet Wood Stoves	0	0

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)
0.00000	0.00000	498,135	166,045	11,100.0

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	250.000

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)
Manufacturing	3,374,450	531.983	0.0330	0.0040	0.00000
Unrefrigerated Warehouse-No Rail	1,607,918	531.983	0.0330	0.0040	0.00000
General Office Building	605,974	531.983	0.0330	0.0040	0.00000
Parking Lot	114,361	531.983	0.0330	0.0040	0.00000
City Park	0.00000	531.983	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Manufacturing	35,250,131	0.00000
Unrefrigerated Warehouse-No Rail	35,995,681	0.00000
General Office Building	4,265,610	0.00000
Parking Lot	0.00000	0.00000
City Park	0.00000	2,034,188

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Manufacturing	189.017	0.00000
Unrefrigerated Warehouse-No Rail	146.318	0.00000
General Office Building	22.3200	0.00000
Parking Lot	0.00000	0.00000
City Park	0.12900	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000
General Office Building	Household refrigerators and/or freezers	R-134a	1,430.00	0.01679	0.60000	0.00000	1.000000
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000

City Park	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

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	6.19000	annual days of extreme heat
Extreme Precipitation	4.30000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00000	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	1	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	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	0	0	0	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	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
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	1	1	1	2

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	22.1904
AQ-PM	70.0436
AQ-DPM	59.7635
Drinking Water	35.6563
Lead Risk Housing	89.4014
Pesticides	51.1724
Toxic Releases	98.4246
Traffic	97.5500
Effect Indicators	—
CleanUp Sites	19.2236
Groundwater	66.8770
Haz Waste Facilities/Generators	82.3163
Impaired Water Bodies	86.9593
Solid Waste	66.6896
Sensitive Population	—
Asthma	84.8330
Cardio-vascular	90.8400
Low Birth Weights	29.8820
Socioeconomic Factor Indicators	—
Education	79.7267
Housing	10.1774
Linguistic	39.8295
Poverty	46.8216
Unemployment	32.2749

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	79.019633
Employed	69.52393173
Median HI	71.69254459
Education	—
Bachelor's or higher	30.32208392
High school enrollment	22.2764019
Preschool enrollment	48.45374054
Transportation	—
Auto Access	34.2871808
Active commuting	14.98780957
Social	—
2-parent households	95.7141024
Voting	60.56717567
Neighborhood	—
Alcohol availability	22.6356987
Park access	36.98190684
Retail density	33.10663416
Supermarket access	2.399589375
Tree canopy	42.07622225
Housing	—
Homeownership	84.58873348
Housing habitability	83.49801104
Low-inc homeowner severe housing cost burden	94.49505967
Low-inc renter severe housing cost burden	95.79109457

Uncrowded housing	39.5996407
Health Outcomes	—
Insured adults	57.69280123
Arthritis	76.8
Asthma ER Admissions	20.1
High Blood Pressure	79.9
Cancer (excluding skin)	57.8
Asthma	86.2
Coronary Heart Disease	66.7
Chronic Obstructive Pulmonary Disease	81.8
Diagnosed Diabetes	43.0
Life Expectancy at Birth	27.5
Cognitively Disabled	58.3
Physically Disabled	33.4
Heart Attack ER Admissions	30.5
Mental Health Not Good	62.3
Chronic Kidney Disease	55.3
Obesity	54.6
Pedestrian Injuries	19.6
Physical Health Not Good	56.1
Stroke	70.4
Health Risk Behaviors	—
Binge Drinking	35.4
Current Smoker	67.4
No Leisure Time for Physical Activity	52.7
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0

Children	53.3
Elderly	54.5
English Speaking	48.5
Foreign-born	58.4
Outdoor Workers	29.4
Climate Change Adaptive Capacity	—
Impervious Surface Cover	30.0
Traffic Density	95.7
Traffic Access	23.0
Other Indices	—
Hardship	44.5
Other Decision Support	—
2016 Voting	14.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	83.0000
Healthy Places Index Score for Project Location (b)	62.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	Wilmington Long Beach Carson

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

8.1. Justifications

Screen	Justification
Land Use	Adjusted parking lot acreage from default so that the total reflects the net site acreage of 13.32.
Construction: Construction Phases	Extended architectural coating phase length to overlap with paving and building construction / a total of 19 months of construction.
Operations: Vehicle Data	Updated trips for Manufacturing and Unrefrigerated Warehouse per transportation analysis. No trips attributed to other land uses.
Operations: Fleet Mix	Truck fleet mix included in assumptions spreadsheet. Manufacturing fleet mix adjusted to reflect only truck trips.
Operations: Energy Use	CalEEMod default natural gas usage reassigned to electricity--Project will not use natural gas for heating and water.

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	2.99700	4.24700
Landscape Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Architectural Coating	Architectural Coating	Start Date	4/21/2028	3/1/2028
Architectural Coating	Architectural Coating	End Date	5/19/2028	5/31/2028
Architectural Coating	Architectural Coating	Work Days per Phase	20.0000	66.0000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Manufacturing	Weekday Trip Rate	size/day	3.93000	0.94470
Manufacturing	Saturday Trip Rate	size/day	6.42000	0.94470
Manufacturing	Sunday Trip Rate	size/day	5.09000	0.94470
Manufacturing	Non-Res H-W Trip Length	miles	14.8547	0.00000
Manufacturing	Non-Res W-O Trip Length	miles	7.88163	0.00000
Manufacturing	Non-Res O-O Trip Length	miles	6.73948	20.0000
Manufacturing	Non-Res H-W Trip	%	37.4368	0.00000
Manufacturing	Non-Res W-O Trip	%	31.1973	0.00000
Manufacturing	Non-Res O-O Trip	%	31.3659	100.0000
Unrefrigerated Warehouse-No Rail	Weekday Trip Rate	size/day	1.74000	7.10500
Unrefrigerated Warehouse-No Rail	Saturday Trip Rate	size/day	1.74000	7.10500
Unrefrigerated Warehouse-No Rail	Sunday Trip Rate	size/day	1.74000	7.10500
General Office Building	Weekday Trip Rate	size/day	9.74000	0.00000
General Office Building	Saturday Trip Rate	size/day	2.21000	0.00000
General Office Building	Sunday Trip Rate	size/day	0.70000	0.00000
General Office Building	Non-Res H-W Trip Length	miles	14.8547	0.00000
General Office Building	Non-Res W-O Trip Length	miles	7.88163	0.00000
General Office Building	Non-Res O-O Trip Length	miles	6.73948	0.00000
General Office Building	Non-Res H-W Trip	%	37.4368	0.00000
General Office Building	Non-Res W-O Trip	%	31.1973	0.00000
General Office Building	Non-Res O-O Trip	%	31.3659	0.00000
Parking Lot	Non-Res H-W Trip Length	miles	14.8547	0.00000

Parking Lot	Non-Res W-O Trip Length	miles	7.88163	0.00000
Parking Lot	Non-Res O-O Trip Length	miles	6.73948	0.00000
Parking Lot	Non-Res H-W Trip	%	37.4368	0.00000
Parking Lot	Non-Res W-O Trip	%	31.1973	0.00000
Parking Lot	Non-Res O-O Trip	%	31.3659	0.00000
City Park	Weekday Trip Rate	size/day	0.78000	0.00000
City Park	Saturday Trip Rate	size/day	1.96000	0.00000
City Park	Sunday Trip Rate	size/day	2.19000	0.00000
City Park	Non-Res H-W Trip Length	miles	14.8547	0.00000
City Park	Non-Res W-O Trip Length	miles	7.88163	0.00000
City Park	Non-Res O-O Trip Length	miles	6.73948	0.00000
City Park	Non-Res H-W Trip	%	37.4368	0.00000
City Park	Non-Res W-O Trip	%	31.1973	0.00000
City Park	Non-Res O-O Trip	%	31.3659	0.00000

8.5.1.2. Fleet Mix

Land Use	Season	Model Parameter	Units	Default Value	New Value
Manufacturing	A	Heavy-Heavy-Duty Trucks	%	1%	62%
Manufacturing	A	Passenger Cars	%	49%	0%
Manufacturing	A	Light-Duty Trucks 1	%	4%	0%
Manufacturing	A	Light-Duty Trucks 2	%	24%	0%
Manufacturing	A	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	A	Light Heavy-Duty Trucks 2	%	1%	17%
Manufacturing	A	Motorcycles	%	2%	0%
Manufacturing	A	Medium-Duty Trucks	%	14%	0%
Manufacturing	A	Motor Homes	%	< 0.5%	0%
Manufacturing	A	Medium-Heavy-Duty Trucks	%	1%	21%
Manufacturing	A	Other Buses	%	< 0.5%	0%

Manufacturing	A	School Buses	%	< 0.5%	0%
Manufacturing	A	Urban Buses	%	< 0.5%	0%
Manufacturing	S	Heavy-Heavy-Duty Trucks	%	1%	62%
Manufacturing	S	Passenger Cars	%	49%	0%
Manufacturing	S	Light-Duty Trucks 1	%	4%	0%
Manufacturing	S	Light-Duty Trucks 2	%	24%	0%
Manufacturing	S	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	S	Light Heavy-Duty Trucks 2	%	1%	17%
Manufacturing	S	Motorcycles	%	2%	0%
Manufacturing	S	Medium-Duty Trucks	%	14%	0%
Manufacturing	S	Motor Homes	%	< 0.5%	0%
Manufacturing	S	Medium-Heavy-Duty Trucks	%	1%	21%
Manufacturing	S	Other Buses	%	< 0.5%	0%
Manufacturing	S	School Buses	%	< 0.5%	0%
Manufacturing	S	Urban Buses	%	< 0.5%	0%
Manufacturing	W	Heavy-Heavy-Duty Trucks	%	1%	62%
Manufacturing	W	Passenger Cars	%	49%	0%
Manufacturing	W	Light-Duty Trucks 1	%	4%	0%
Manufacturing	W	Light-Duty Trucks 2	%	24%	0%
Manufacturing	W	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	W	Light Heavy-Duty Trucks 2	%	1%	17%
Manufacturing	W	Motorcycles	%	2%	0%
Manufacturing	W	Medium-Duty Trucks	%	14%	0%
Manufacturing	W	Motor Homes	%	< 0.5%	0%
Manufacturing	W	Medium-Heavy-Duty Trucks	%	1%	21%
Manufacturing	W	Other Buses	%	< 0.5%	0%
Manufacturing	W	School Buses	%	< 0.5%	0%
Manufacturing	W	Urban Buses	%	< 0.5%	0%

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
Manufacturing	Electricity	kWh/yr	1,462,250	3,374,450
Manufacturing	Electricity (Subject to Title 24)	kWh/yr	1,247,346	2,878,515
Manufacturing	Electricity (Not Subject to Title 24)	kWh/yr	214,903	495,935
Manufacturing	Natural Gas	kBTU/yr	6,524,428	0.00000
Manufacturing	Natural Gas (Subject to Title 24)	kBTU/yr	2,456,238	0.00000
Manufacturing	Natural Gas (Not Subject to Title 24)	kBTU/yr	4,068,190	0.00000
Unrefrigerated Warehouse-No Rail	Electricity	kWh/yr	728,531	1,607,918
Unrefrigerated Warehouse-No Rail	Electricity (Subject to Title 24)	kWh/yr	484,585	1,069,511
Unrefrigerated Warehouse-No Rail	Electricity (Not Subject to Title 24)	kWh/yr	243,947	538,407
Unrefrigerated Warehouse-No Rail	Natural Gas	kBTU/yr	3,000,467	0.00000
Unrefrigerated Warehouse-No Rail	Natural Gas (Subject to Title 24)	kBTU/yr	116,778	0.00000
Unrefrigerated Warehouse-No Rail	Natural Gas (Not Subject to Title 24)	kBTU/yr	2,883,689	0.00000
General Office Building	Electricity	kWh/yr	427,687	605,974
General Office Building	Electricity (Subject to Title 24)	kWh/yr	346,077	490,344
General Office Building	Electricity (Not Subject to Title 24)	kWh/yr	81,609.5	115,630
General Office Building	Natural Gas	kBTU/yr	608,315	0.00000
General Office Building	Natural Gas (Subject to Title 24)	kBTU/yr	481,837	0.00000
General Office Building	Natural Gas (Not Subject to Title 24)	kBTU/yr	126,478	0.00000
Parking Lot	Electricity	kWh/yr	162,059	114,361
Parking Lot	Electricity (Subject to Title 24)	kWh/yr	162,059	114,361

Cargo Handling Equipment Emissions

Equipment Type	Units	Hours/ Day	Days/ Year	HP	LF	Tier	HP-h/ day	HP Bin
Yard Trucks	0	8	365	190	0.38	Tier 4 Final	0	>175<300
Forklifts	1	8	365	82	0.2	Tier 4 Final	131.2	>75<120

EF (g/bhp-hr)

	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O
Yard Trucks	0.05	0.26	2.6	0.005	0.01	0.01	527	0.021	0.004
Forklifts	0.05	0.26	3.7	0.005	0.01	0.01	527	0.021	0.004

Emissions (lbs/day)

	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O
Yard Trucks	0	0	0	0	0	0	0	0	0
Forklifts	0.0145	0.0752	1.07021	0.00145	0.00289	0.00289	152.432889	0.006074	0.001157

Emissions (tons/year) | Emissions (MT/year)

	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O	CO_2e
Yard Trucks	0	0	0	0	0	0	0	0	0	0
Forklifts	0.0026	0.01372	0.19531	0.00026	0.00053	0.00053	25.23697	0.001006	0.000192	25

Source: California Air Resources Board (CARB). 2017. The Carl Moyer Program Guidelines. April. Available: https://ww2.arb.ca.gov/sites/default/files/classic/msprog/moyer/guidelines/2017/2017_cmpgl.pdf. Accessed: February 2026.

Emergency Backup Generator Emissions

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
Backup Generator	Diesel	1	400	0.74	50	1	296	14,800
Backup Generator >750 hp	Diesel	0	3,600	0.74	50	1	0	0

UNMITIGATED

	ROG	TOG	CO	NO_X	SO_2	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O	CO_2e
Emissions Rates (g/hp-hr)	1.020	1.120	2.600	2.850	0.005	0.150	0.150	521.640	0.021	0.004	-
Emissions Rates (>750) (g/hp-hr)	1.020	1.120	2.600	4.560	0.005	0.150	0.150	521.640	0.021	0.004	-
Emissions (pounds/day)	0.67	0.73	1.70	1.86	0.00	0.10	0.10	340.41	0.01	0.00	-
Emissions (tons/year)	0.02	0.02	0.04	0.05	0.00	0.00	0.00	8.51	0.00	0.00	-
GHG Emissions (metric tons)	-	-	-	-	-	-	-	7.72	0.00	0.00	7.75

Source: User Guide for CalEEMod Version 2022.1, Appendix G, Table G-40.

MITIGATED

	ROG[1]	TOG[1]	CO[1]	NO_X[2]	SO_X[1]	PM_{10}[2]	$PM_{2.5}$[2]	CO_2[1]	CH_4[1]	N_2O	CO_2e
Emissions Rates (g/hp-hr)	1.020	1.120	2.600	0.500	0.005	0.020	0.020	521.640	0.021	0.004	-
Emissions Rates (>750) (g/hp-hr)	1.020	1.120	2.600	0.500	0.005	0.020	0.020	521.640	0.021	0.004	-
Emissions (pounds/day)	0.67	0.73	1.70	0.33	0.00	0.01	0.01	340.41	0.01	0.00	-
Emissions (tons/year)	0.02	0.02	0.04	0.01	0.00	0.00	0.00	8.51	0.00	0.00	-
GHG Emissions (metric tons)	-	-	-	-	-	-	-	7.72	0.00	0.00	7.75

Source:
1. User Guide for CalEEMod Version 2022.1, Appendix G, Table G-40.
2. Final Rule for Control of Emissions of Air Pollution From Nonroad Diesel Engines and Fuel, Table II.A-4.4 (Available at: https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-control-emissions-air-pollution-nonroad).

Health Risk Assessment

3800 Via Oro Project

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Appendices

Appendix A: Modeling Data

List of Abbreviated Terms

A	absorption factor from inhalation
AC	acre
ACES	Advanced Collaborative Emissions Study
ADA	Americans with Disabilities Act
ASF	age sensitivity factor
AB	Assembly Bill
APN	Assessor's Parcel Number
APS	auxiliary power system
AT	averaging time
ATCM	Airborne Toxic Control Measure
CARB	California Air Resources Board
CCAA	California Clean Air Act
CEQA	California Environmental Quality Act
CPF	cancer potency factor
C_{air}	air concentration from model
C_i	air concentration of substance
cy	cubic yards
DBR	daily breathing rate
DOORS	Diesel Off-Road Reporting System
DPM	Diesel Particulate Matter
DRRP	Diesel Risk Reduction Plan
Dose-air	dose through inhalation
DU	dwelling unit
EMFAC	Emission Factors Model
ED	exposure duration
EF	exposure frequency
°F	degrees Fahrenheit
FCAA	Federal Clean Air Act
FAH	fraction of time spent at home
g/hp-hr	grams per horsepower-hour
GVWR	gross vehicle weight rating
HAP	hazardous air pollutant
HOA	homeowner's association
HRA	health risk assessment
kg	Kilogram
L	Liter
µm	micrometer
MATES	Multiple Air Toxics Exposure Study
MEIR	Maximally Exposed Individual Resident
mg	Milligrams
$\mu g/m^3$	micrograms per cubic meter
MSAT	Mobile Source Air Toxic
NAAQS	National Ambient Air Quality Standards

List of Abbreviated Terms (Continued)

NED	National Elevation Dataset
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NMHC	nonmethane hydrocarbon
NO_2	nitrogen dioxide
NO_X	nitrogen oxides
O_3	Ozone
OEHHA	Office of Environmental Health Hazard Assessment
PM	particulate matter
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
PERP	Portable Equipment Registration Program
REL	Reference Exposure Level
REL_i	Reference Exposure Level of substance
$Risk_{inh\text{-}res}$	residential inhalation cancer risk
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SF	square foot
T-BACT	toxics best available control technology
TAC	Toxic Air Contaminant
U.S. EPA	United States Environmental Protection Agency
VMT	vehicle miles traveled

1.0 INTRODUCTION

The purpose of this Health Risk Assessment (HRA) is to evaluate potential health risks associated with Diesel Particulate Matter (DPM) resulting from construction of the proposed 3800 Via Oro Avenue Project ("Project"). This HRA was prepared in accordance with South Coast Air Quality Management District (SCAQMD) requirements and Office of Environmental Health Hazard Assessment (OEHHA) guidance to determine if health risks are likely to occur from the Project. Technical data are included in Appendix A: Modeling Data.

1.1 Project Location

The proposed Project Site is located at 3800 Via Oro Avenue in the City of Long Beach (City) and is identified as Assessor Parcel Number (APN) 7310-016-086. The Project Site is located in the northwestern portion of the City of Long Beach at the intersection of Via Oro Avenue and Hughes Way. The City lies within southeast Los Angeles County and is approximately 16 miles south of downtown Los Angeles. The City borders the Pacific Ocean to the south; the cities of Carson and Los Angeles to the west; the cities of Compton, Paramount, and Bellflower to the north; the cities of Lakewood, Hawaiian Gardens, and unincorporated Orange County to the east. The Los Angeles river is approximately 1,062 feet (0.2 miles) east of the Project Site. **Exhibit 1: Regional Location Map** depicts the proposed Project Site in a regional context.

The proposed Project Site is currently developed with a 36,697 square-feet (sf) television broadcast facility with 18 satellites and a surface parking lot to the north of the building. The northeast corner of the site is vacant and undeveloped with disturbed non-native vegetation, and the and the southeast corner of the site is undeveloped and graded (solar panels covering this area were removed in June 2025).The Project Site is bounded by Interstate 710 (I-710) to the east, Hughes Way to the south, and Via Oro Avenue to the west. Existing industrial, manufacturing, commercial, and office uses are located to the north of the Project Site, commercial and office uses are located to the south of the Project Site, and commercial and office uses are located to the east of the Project Site. **Exhibit 2: Local Vicinity Map**, depicts the proposed Project Site in a local setting. The I-710, located immediately east of the Project Site, and Interstate 405 (I-405), located approximately 0.15 miles south of the site, provide regional access to the Project Site.

1.2 Project Description

The Project applicant proposes to demolish the existing structures, at-grade parking, landscaping, and satellites on the Project Site and redevelop the site with one to two speculative industrial buildings. Because the future tenants are currently unknown, and because a variety of industrial uses would be permitted, the analysis includes potential future land-use options. The proposed land uses are depicted on **Exhibit 3: Conceptual Site Plan**.

Manufacturing, Warehousing, and Office

The Project would include a 332,090 sf concrete tilt-up speculative industrial building that could be used for a mix of manufacturing, warehousing and office uses consistent with the existing PD-26 (Subarea III) zoning for the Project Site. The exact mix of uses is not yet known as there is no tenant identified. A mix of uses was determined to be both reasonably foreseeable and conservative in that it represents the most traffic generation from the potential uses that could occupy the proposed building. This mix of uses assumes that the primary use of the building would be manufacturing

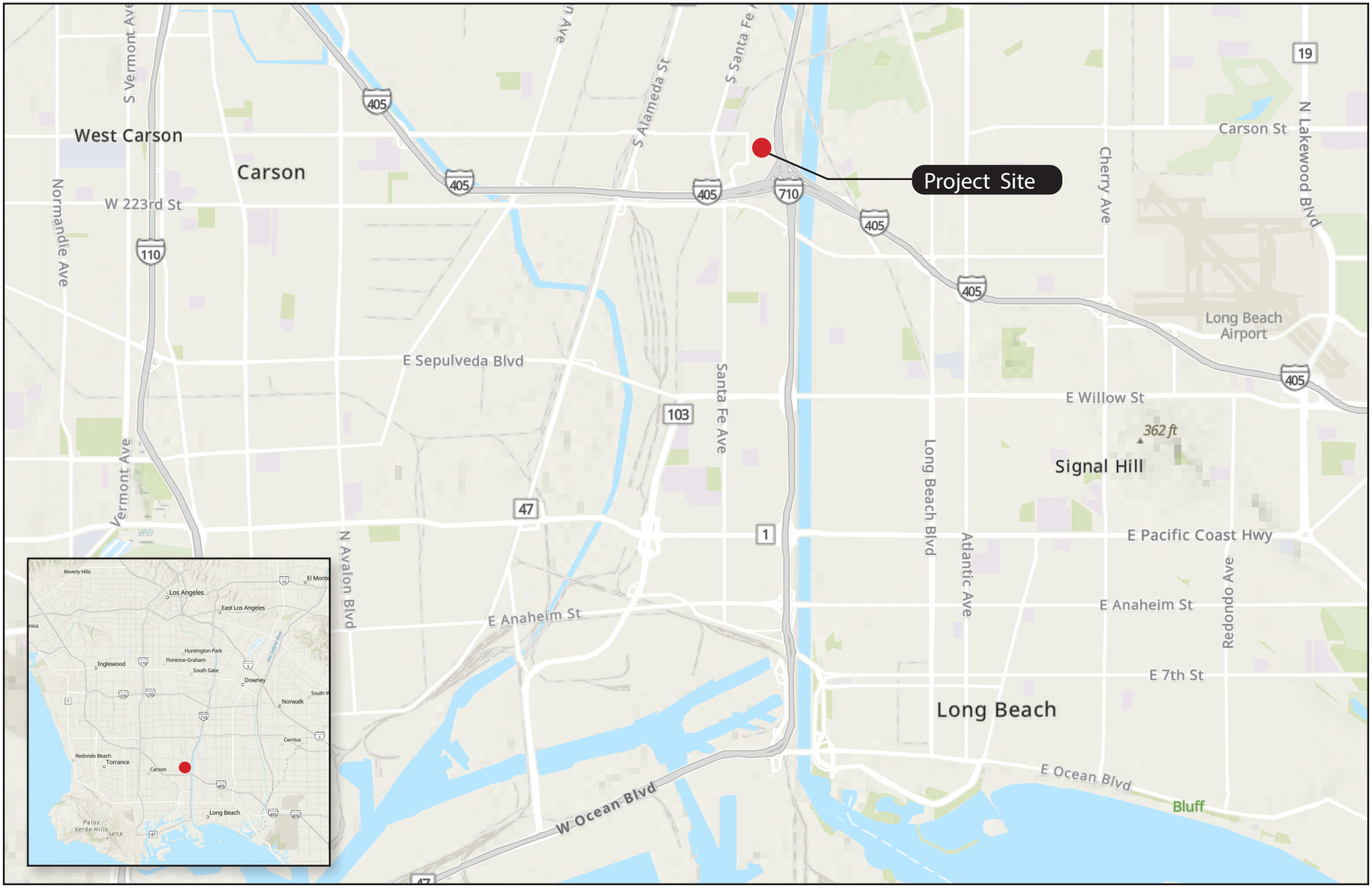
(152,433 sf), warehousing (155,657 sf), and ancillary office space (24,000 sf). The building would include a mezzanine and be 36 feet tall. The building would have a street setback of 25 feet and an interior and rear setback of 20 feet along Hughes Way.

The Project would include approximately 333 parking stalls, of which 256 would be standard stalls, 2 carpool and van accessible stalls, 6 standard accessible stalls, and 67 Electric Vehicle (EV) capable stalls. The building would feature 38 truck high-dock doors along the northern side of the building.

Construction Activities

Construction of the Project would include the demolition of the existing structures, at-grade parking, landscaping, and satellites at the Project Site. Construction is estimated to last for approximately 19 months. The Project could therefore be fully operational as early as June of 2028. The buildings are expected to be poured in place, tilt-up style concrete.

Because of the developed nature of the site, grading would likely be minimal, and soils would generally be balanced on site. The proposed haul route for demolition removal or delivery of supplies would be via Hughes Way, which offers direct access to and from northbound I-405. Trucks would utilize Warnock Way and Santa Fe Avenue if coming from or to southbound I-405, which offers connections to the northbound and southbound lanes of the I-710. There would be approximately 9,900 tons of demolition and no anticipated import or export of soil.



SOURCE: ArcGIS Pro, 2025

EXHIBIT 1: Regional Location Map

3800 VIA ORO AVENUE PROJECT

Kimley»Horn

SOURCE: Nearmap, 2025

EXHIBIT 2: Local Vicinity Map

3800 VIA ORO AVENUE PROJECT

Kimley»Horn

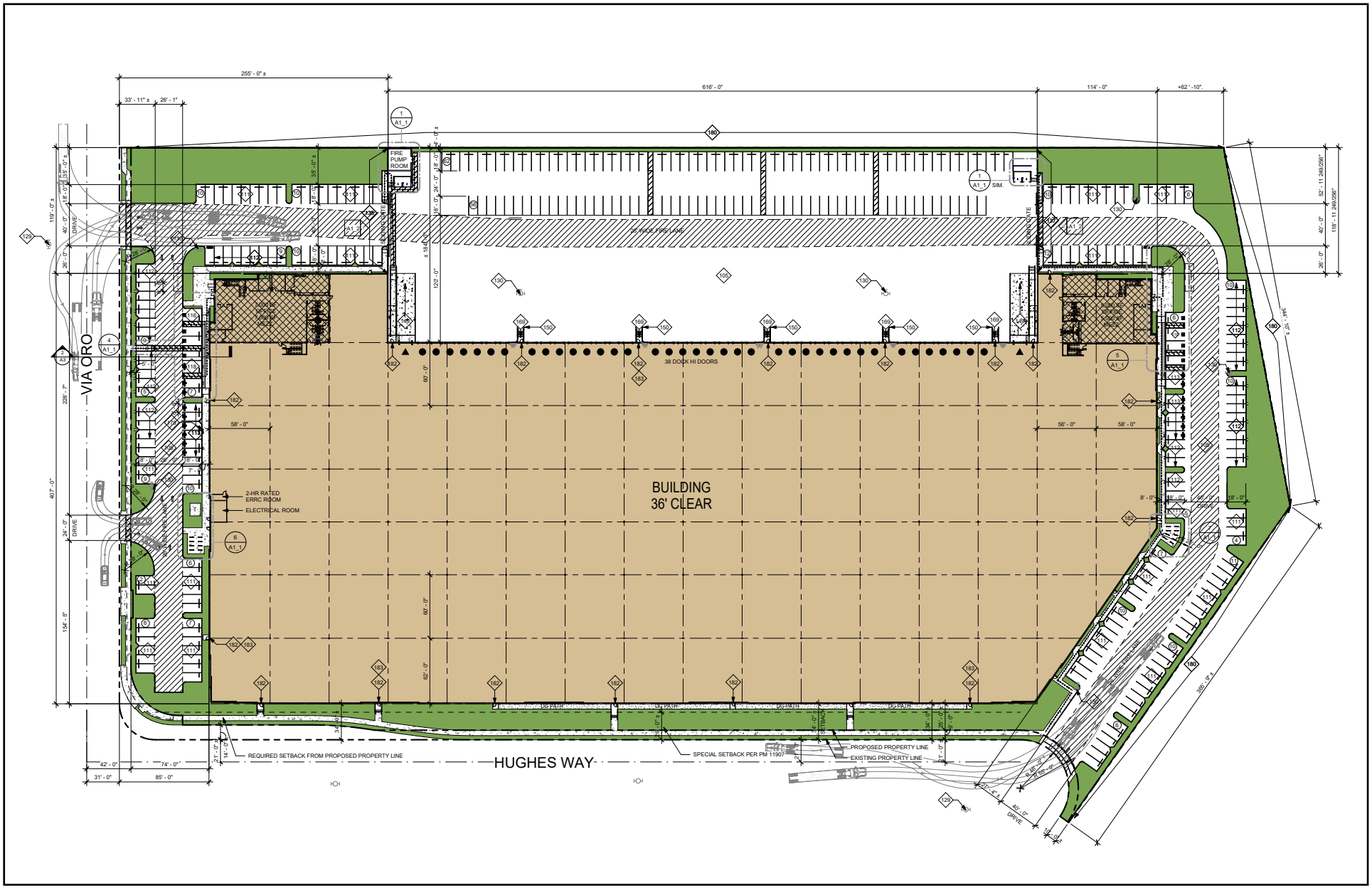


EXHIBIT 3: Conceptual Site Plan

3800 VIA ORO AVENUE PROJECT

Kimley»Horn

2.0 ENVIRONMENTAL SETTING

2.1 Climate

The general region lies in the eastern Pacific's semi-permanent high-pressure zone. The climate is mild and tempered by cool sea breezes. The usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds. The extent and severity of the South Coast Air Basin (Basin) air pollution problem is a function of the area's natural physical characteristics (weather and topography), as well as man-made influences (development patterns and lifestyle). Factors such as wind, sunlight, temperature, humidity, rainfall, and topography all affect the accumulation and/or dispersion of pollutants throughout the Basin. These factors along with applicable regulations are discussed below.

The average annual temperature varies little throughout the Basin, averaging 75 degrees Fahrenheit (°F). However, with a less-pronounced oceanic influence, Basin's eastern inland portions show greater variability in annual minimum and maximum temperatures. All Basin portions have had recorded temperatures over 100°F in recent years.

2.2 Meteorology

Although the Basin has a semi-arid climate, the air near the surface is moist due to the presence of a shallow marine layer. The ocean effect is dominant except for infrequent periods when offshore winds bring dry, continental air into the Basin. Periods with heavy fog are frequent, and low stratus clouds, occasionally referred to as "high fog," are a characteristic climate feature. Annual average relative humidity is 70 percent at the coast and 57 percent in Basin's eastern portion. Precipitation in the Basin is typically nine to 14 inches annually and is rarely in the form of snow or hail due to typically warm weather. The frequency and amount of rainfall is greater in Basin's coastal areas.

A temperature inversion is defined as an increase in temperature with height, or to the layer within which such an increase occurs. The inversion's height is important in determining pollutant concentration. When the inversion is approximately 2,500 feet above sea level, the sea breezes carry the pollutants inland to escape over the mountain slopes or through the passes. At a height of 1,200 feet, the terrain prevents the pollutants from entering the upper atmosphere, resulting in a settlement in the foothill communities. Below 1,200 feet, the inversion puts a tight lid on pollutants, concentrating them in a shallow layer over the entire Basin. Usually, inversions are lower before sunrise than during the day. Mixing heights for inversions are lower in the summer and more persistent, being partly responsible for high ozone (O_3) levels observed during summer months in the Basin. Smog in southern California is generally the result of these temperature inversions combined with coastal day winds and local mountains to contain the pollutants for long periods, allowing them to form secondary pollutants by reacting with sunlight. The Basin has a limited ability to disperse these pollutants due to typically low wind speeds.

The area where the Project site is located offers clear skies and sunshine yet is still susceptible to air inversions. These inversions trap a layer of stagnant air near the ground, where it is then further loaded with pollutants. These inversions cause haziness, which is caused by moisture, suspended dust, and a variety of chemical aerosols emitted by trucks, automobiles, furnaces, and other sources.

2.3 Toxic Air Contaminants

Toxic Air Contaminants (TACs) are airborne substances capable of causing short-term (acute) or long-term (chronic or carcinogenic) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

Hazardous Air Pollutants (HAP) is a term used by the Federal Clean Air Act (FCAA) that includes a variety of pollutants generated or emitted by industrial production activities. HAPs are identified as TACs under the California Clean Air Act (CCAA). Direct exposure to these pollutants has been shown to cause cancer, birth defects, damage to the brain and nervous system, and respiratory disorders. The California Air Resources Board (CARB) provides emission inventories for the larger air basins including the Basin.[1]

TACs do not have ambient air quality standards because safe levels of TACs cannot be determined. Instead, human health impacts caused by TACs are evaluated by calculating the health risks associated with a given exposure. The requirements of the Air Toxic "Hot Spots" Information and Assessment Act (Assembly Bill [AB] 2588) apply to facilities that use, produce, or emit toxic chemicals, largely consisting of industrial operators and other commercial operations meeting the statutory definition of "facilities." Facilities subject to the toxic emission inventory requirements of AB 2588 must prepare and submit toxic emission inventory plans and reports and periodically update those reports. The Project is not subject to the requirements of AB 2588 as operations would not produce or emit substantial quantities of TACs. Moreover, residential and mixed-use residential uses are not facilities subject to AB 2588. OEHHA's *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, dated February 2015 (OEHHA Guidance) implementing AB 2588 further recognizes the high level of uncertainty and difficultly in assessing long-term cancer risks based on relatively short durations of emissions, such as the DPM expected to occur during the site preparation and grading phases of mixed-use residential construction projects.[2]

In California, on-road diesel-fueled engines contribute approximately 24 percent of the Statewide total DPM, with an additional 71 percent attributed to other mobile sources such as construction and mining equipment, agricultural equipment, and transport refrigeration units. Stationary sources contribute about 5 percent of total DPM. It should be noted that CARB has developed several plans and programs to reduce diesel emissions such as the Diesel Risk Reduction Plan (DRRP), the Statewide Portable Equipment Registration Program (PERP), and the Diesel Off-Road Reporting System (DOORS). The PERP and DOORS programs allow owners or operators of portable engines and certain other types of equipment to register their units in order to operate their equipment throughout California without having to obtain individual permits from local air districts.

As noted above, diesel exhaust and the many individual substances it contains (e.g., arsenic,

[1] California Air Resources Board. California Toxics Inventory, https://ww2.arb.ca.gov/california-toxics-inventory. Accessed May 28, 2025.
[2] OEHHA. Air Toxics Hot Spots Program, Risk Assessment Guidelines, *Guidance Manual for Preparation of Health Risk Assessments*, February 2015, at pp. 8-17, 8-18.

benzene, formaldehyde, and nickel) could contribute to mutations in cells that can lead to cancer. DPM, arsenic, benzene, and formaldehyde account for 83.3 percent of residential cancer risk in the Basin.[3] Some short-term (acute) effects of DPM include eye, nose, throat, and lung irritation, and diesel exhaust can cause coughs, headaches, light-headedness, and nausea. DPM poses the greatest health risk among the TACs. Almost all diesel exhaust particle mass is 10 microns or less in diameter. Due to their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lung. Long-term exposure to diesel exhaust particles poses the highest cancer risk of any TAC evaluated by OEHHA. CARB estimates that about 70 percent of the cancer risk that the average Californian faces from breathing toxic air pollutants stems from diesel exhaust particles.[4]

In its comprehensive assessment of diesel exhaust, OEHHA analyzed more than 30 studies of people who worked around diesel equipment, including truck drivers, railroad workers, and equipment operators. The studies showed these workers were more likely to develop lung cancer than workers not exposed to diesel emissions. These studies provide strong evidence that long-term occupational exposure to diesel exhaust increases the risk of lung cancer. Using information from OEHHA's assessment, CARB estimated that diesel particle levels measured in California's air in 2000 could cause 540 "excess" cancers in a population of 1 million people over a 70-year lifetime. Other researchers and scientific organizations, including the National Institute for Occupational Safety and Health, have calculated cancer risks from diesel exhaust similar to those OEHHA and CARB developed.

Exposure to diesel exhaust can have immediate health effects as well. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. In studies with human volunteers, diesel exhaust particles made people with allergies more susceptible to the materials to which they are allergic, such as dust and pollen. Exposure to diesel exhaust also causes inflammation in the lungs, which may aggravate chronic respiratory symptoms and increase the frequency or intensity of asthma attacks.

The elderly and people with emphysema, asthma, and chronic heart and lung disease are especially sensitive to fine-particle pollution. Numerous studies have linked elevated particle levels in the air to increased hospital admissions, emergency room visits, asthma attacks, and premature deaths among those suffering from respiratory problems. Because children's lungs and respiratory systems are still developing, they are also more susceptible than healthy adults to fine particles. Exposure to fine particles is associated with increased frequency of childhood illnesses and can also reduce lung function in children. In California, diesel exhaust particles have been identified as a carcinogen.

2.4 Nearby Receptors

Sensitive land uses are more susceptible to air pollution effects than the general population.

[3] South Coast Air Quality Management District, *MATES V Data Visualization*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23?views=view_38. Accessed May 28, 2025.

[4] CARB, *Summary: Diesel Particulate Matter Health Impacts*. https://ww2.arb.ca.gov/resources/summary-diesel-particulate-matter-health-impacts. Accessed June 26, 2025.

Sensitive land uses that are in proximity to localized TAC sources are of particular concern. Sensitive uses typically include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes.[5] However, health risk is also analyzed for nearby worker receptors. The Project site is in an urban area surrounded by light and heavy industrial uses. The nearest sensitive land uses to the Project site are listed in Table 1: Nearby Receptors. Table 1 shows that the nearest sensitive land uses to the Project site are the Rancho Dominguez Preparatory School, located 920 feet to the northwest of the Project Site. We note that the parking area for the school is located 920 feet from the Project site, beyond which are the sports fields (starting at roughly 1,120 feet from the Project Site), and the school buildings are beyond the sports fields (starting at roughly 1,390 feet from the Project Site). As such, the use of 920 feet as the distance to the nearest sensitive receptor represents a conservative analysis. Single-family residences are located approximately 1,080 feet to the south of the Project Site and worker receptors are located adjacent to the north and south, and across Via Oro to the west.

Table 1: Nearby Receptors

Receptor Description	Distance[1] and Direction from the Project
Industrial worker receptor	30 feet to the north, 35 feet to the south, and 70 feet to the west
Rancho Dominguez Preparatory School	920 feet to the northwest
Single-Family Residences[2]	1,080 feet to the south

1. Distance measured from the Project Site boundary to the nearest sensitive receptor property line.
2. Receptors are located within the City of Long Beach.

Source: Google Earth, 2025.

[5] South Coast AQMD, *Air Quality and Land Use Handbook*, April 2005. https://www.aqmd.gov/docs/default-source/ceqa/handbook/california-air-resources-board-air-quality-and-land-use-handbook-a-community-health-perspective.pdf

3.0 REGULATORY SETTING

3.1 Federal

Federal Clean Air Act

The FCAA was amended in 1990 to address the numerous air pollutants that are known to cause or may reasonably be anticipated to cause adverse effects to human health or adverse environmental effects. 188 specific pollutants and chemical groups were initially identified as HAPs, and the list has been modified over time. The FCAA Amendments included new regulatory programs to control acid deposition and for the issuance of stationary source operating permits.

In 2001, the United States Environmental Protection Agency (U.S. EPA) issued its first Mobile Source Air Toxics Rule, which identified 21 mobile source air toxic (MSAT) compounds as being HAPs that required regulation. A subset of six of these MSAT compounds consisting of benzene, 1,3-butadiene, formaldehyde, acrolein, acetaldehyde, and DPM were identified as having the greatest influence on health. More recently, the U.S. EPA issued a second MSAT Rule in February 2007, which generally supported the findings in the first rule and provided additional recommendations of compounds having the greatest impact on health. The rule also identified several engine emission certification standards that must be implemented. Toxics do not have National Ambient Air Quality Standards (NAAQS) making evaluation of their impacts more subjective.

National Emissions Standards for Hazardous Air Pollutants (NESHAPs) were incorporated into a greatly expanded program for controlling toxic air pollutants. The provisions for attainment and maintenance of the NAAQS were substantially modified and expanded. Other revisions included provisions regarding stratospheric O_3 protection, increased enforcement authority, and expanded research programs.

Federal Emissions Standards for On-Road Trucks

To reduce emissions from on-road, heavy-duty diesel trucks, the U.S. EPA established a series of increasingly strict emission standards for new engines, starting in 1988. The U.S. EPA promulgated the final and cleanest standards with the 2007 Heavy-Duty Highway Rule.[6] The particulate matter (PM) emission standard of 0.01 gram per horsepower-hour (g/hp-hr) is required for new vehicles beginning with model year 2007. Also, the oxides of nitrogen (NO_X) and nonmethane hydrocarbon (NMHC) standards of 0.20 g/hp-hr and 0.14 g/hp-hr, respectively, were phased in together between 2007 and 2010 on a percent of sales basis: 50 percent from 2007 to 2009 and 100 percent in 2010. In December 2022, the U.S. EPA final rule set new, more stringent standards to reduce NO_X pollution from heavy-duty vehicles and engines starting in model year 2027. The rule will reduce NO_X emissions from heavy-duty trucks by almost 50 percent by 2045, producing significant health-related benefits.[7] On March 12, 2025, the U.S. EPA announced that the agency would reconsider a

[6] United States Environmental Protection Agency (U.S. EPA), Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements, Final Rule. 40 Code of Federal Regulations, Parts 69, 80, and 86. January 18, 2001.

[7] U.S. EPA, Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements, Final Rule. 40 Code of Federal Regulations, Parts 2, 59, 60, 80, 85, 86, 600, 1027, 1030, 1031, 1033, 1036, 1037, 1039, 1042, 1043, 1045, 1048, 1051, 1054, 1060, 1065, 1066, 1068, and 1090. January 24, 2023.

number of regulations, including light-duty, medium-duty, and heavy-duty vehicle regulations to fulfill President Trump's promise to "unleash American energy, lower cost of living for Americans, revitalize the American auto industry, restore the rule of law, and give power back to states to make their own decisions".[8]

Emission Standards for Off-Road Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. Tier 1 standards were phased in from 1996 to 2000 (year of manufacture), depending on the engine horsepower category. Tier 2 standards were phased in from 2001 to 2006. Tier 3 standards were phased in from 2006 to 2008. Tier 4 standards, which generally require add-on emission control equipment to attain them, were phased in from 2008 to 2015. The Tier 4 standards require that emissions of PM and oxides of nitrogen (NO_X) be further reduced by about 90 percent from Tier 3 standards.

Emission Standards for Stationary Combustion Sources

To reduce air pollution from stationary backup generators, the U.S. EPA established emission standards under the Clean Air Act. These rules apply to both diesel and natural gas generators used in emergency and non-emergency settings. For new stationary backup generators, the EPA set emission limits that vary by engine size, fuel type, and usage category. All new engines must meet New Source Performance Standards (NSPS), which were phased in starting in 2006 for compression-ignition (diesel) engines and in 2008 for spark-ignition (natural gas or propane) engines.

The standards limit emissions of nitrogen oxides (NO_x), particulate matter (PM), carbon monoxide (CO), and hydrocarbons (HC). For diesel backup generators, compliance with Tier 2, Tier 3, or Tier 4 emission levels (depending on the size and installation date) is typically required. Tier 4 standards, the most stringent, often require the use of advanced emission control technologies such as diesel particulate filters and selective catalytic reduction systems. To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines.[9]

3.2 State of California

California Air Resources Board

CARB's statewide comprehensive air toxics program was established in 1983 with AB 1807 the Toxic Air Contaminant Identification and Control Act (Tanner Air Toxics Act of 1983). AB 1807 created California's program to reduce exposure to air toxics and sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an airborne toxics control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold.

[8] U.S. EPA, EPA Launches Biggest Deregulatory Action on U.S. History, March 12, 2025. https://www.epa.gov/newsreleases/epa-launches-biggest-deregulatory-action-us-history.

[9] U.S. EPA, Regulations for Emissions from Heavy Equipment with Compression-Ignition (Diesel) Engines, 2024, https://www.epa.gov/regulations-emissions-vehicles-and-engines/regulations-emissions-heavy-equipment-compression. Accessed May 28, 2025.

If there is no safe threshold, the measure must incorporate toxics best available control technology (T-BACT) to minimize emissions.

CARB also administers the state's mobile source emissions control program and oversees air quality programs established by state statutes, such as AB 2588. As discussed above, under AB 2588, TAC emissions from individual "facilities" are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a quantitative health risk assessment and, if specific thresholds for public health risk exposures are exceeded, they are required to communicate the results to the public in the form of notices and public meetings. In September 1992, AB 2588 was amended by Senate Bill (SB) 1731, which requires facilities that pose a significant health risk to the community to reduce their risk through a risk management plan. The Project is not a "facility" subject to AB 2588.

Emission Standards for Off-Road Diesel Engines

CARB is currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. The Tier 5 rulemaking aims to reduce oxides of nitrogen (NO_X) and particulate matter (PM) emissions from new, off-road compression-ignition (CI) engines, by an additional 50 percent to 90 percent, compared to what is allowed by today's Tier 4 final emission standards.

Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles ("Diesel Risk Reduction Plan" [DRRP]) in October 2000. The DRRP's goals included an 85 percent reduction in DPM by 2020 from the 2000 baseline.[10] CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing statewide cancer risk and non-cancer health effects.[11] The DRRP includes regulations to establish cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

Truck and Bus Regulation Reducing Emissions from Existing Diesel Vehicles

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce particulate matter (PM) and oxides of nitrogen (NO_X) emissions from existing diesel vehicles operating in California. The regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. As of January 1, 2012, heavier trucks were required to be retrofitted with PM filters. Older trucks were required to be replaced as of January 1, 2015. As of January 1, 2023, nearly all trucks and buses were required to have 2010 model year engines or equivalent.

The regulation applies to most privately and state-owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating (GVWR) greater than

[10] California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel -Fueled Engines and Vehicles*, October 2000.

[11] California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health. Accessed May 28, 2025.

14,000 pounds. Small fleets with three or fewer diesel trucks can delay compliance for heavier trucks and there are several extensions for low-mileage construction trucks, early PM filter retrofits, adding cleaner vehicles, and other situations. Privately and publicly owned school buses have different requirements.

Heavy-Duty Vehicle Idling Emission Reduction Program

The purpose of the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling is to reduce public exposure to diesel particulate matter and criteria pollutants by limiting the idling of diesel-fueled commercial vehicles. The driver of any vehicle subject to this ATCM is prohibited from idling the vehicle's primary diesel engine for greater than five minutes at any location and is prohibited from idling a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools). Project construction would not require the use of diesel-fueled commercial vehicles with TRUs, APSs, or sleeper berths.

CARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, beginning in 2008, requires that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged.

California Code of Regulations Title 13 Sections 2485 and 2449 limits diesel-fueled motor vehicle idling to no more than five minutes. Section 2485 limits idling for diesel-fueled commercial motor vehicles with gross vehicle weight ratings of greater than 10,000 pounds that are or must be licensed to operate on publicly maintained highways and streets within California. Section 2449 limits idling for off-road diesel-fueled fleets.

CARB Advanced Clean Fleets Regulation

CARB approved Advanced Clean Fleets Regulation (ACF) on April 28, 2023, which includes requirements for drayage trucks transporting cargo to and from California's intermodal seaports and railyards. Drayage trucks will be required to start transitioning to zero-emission technology beginning in 2024, with full implementation by 2035.

On January 13, 2025, CARB withdrew their requests for CAA waivers from the U.S. EPA needed to support the Advanced Clean Fleets regulations. Therefore, implementation of this regulation is currently unknown.

Executive Order N-79-20

Signed in September 2020, Executive Order N-79-20 establishes as a goal that where feasible, all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium- and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment

"requiring increasing volumes" of new zero emission vehicles (ZEVs) "towards the target of 100 percent." The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities with a goal toward meeting carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which was adopted by CARB in July 2020. On May 22, 2025, the U.S. Senate voted to revoke the waivers granted by the Biden administration for the Advanced Clean Cars II program and ACT regulation. Therefore, implementation of these regulations is currently unknown.

Senate Bill 535

SB 535 directs 25 percent of the proceeds from the Greenhouse Gas Reduction Fund (i.e., funds from the AB 32 cap-and-trade program) to go to projects that provide a benefit to disadvantaged communities (DACs) (as identified by the OEHHA mapping). These funds must be used for programs that further reduce greenhouse gas emissions. Funding programs that reduce greenhouse gas emissions would also potentially reduce exposure to other emissions including TACs. Based on OEHHA mapping, the Project site is not located within an SB 535 designated disadvantaged community.[12]

OEHHA has developed CalEnviroScreen 4.0, which is a mapping tool that helps identify California communities designated by CalEPA for the purpose of SB 535 that are most affected by many sources of pollution, and where people are often especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic information to produce scores for every census tract in the State. The scores are mapped so that different communities can be compared. An area with a high score is one that experiences a much higher pollution burden than areas with low scores.

According to CalEnviroScreen, the Project Site and the surrounding area is located within Census Tract 6037481102, which is within the 85th pollution burden percentile.[13] CalEnviroScreen ranks communities based on data that are available from state and federal government sources and the CalEnviroScreen scores are relative to other census tracts and are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. The State uses CalEnviroScreen to prioritize California Climate Investments to benefit disadvantaged communities and to prioritize outreach in vulnerable communities. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant in relation to public health or the environment.

AB 617

AB 617 was promulgated into state law in 2017. The purpose of this legislation is for CARB to establish the Community Air Protection Program (CAPP). CARB's objective in implementing the CAPP is to reduce human health risk levels by reducing air toxics exposure in communities most

[12] California Office of Environmental Health Hazard Assessment, *SB 535 Disadvantaged Communities (2022 Update)*, https://oehha.ca.gov/calenviroscreen/sb535. Accessed May 28, 2025.

[13] California Office of Environmental Health Hazard Assessment, *CalEnviroScreen 4.0 Results (October 2021 Update)*, https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40. Accessed May 28, 2025.

impacted by TAC emissions. CARB requires that air districts "must initiate community partnerships and undertake a robust public process in developing and implementing the community emissions reduction programs." There have been 17 designated communities throughout the state targeting emissions reductions, community monitoring or both. The majority of AB 617 communities have both reduction and monitoring designations. The state legislature has provided a funding mechanism to support early actions allowing for deployment of cleaner technologies for designated communities as well as grants to promote community participation in both the monitoring and emissions reductions aspects of the program. Other aspects of the program include accelerated retrofit of pollution controls on industrial stationary sources, an increase in financial penalties, and increased transparency and availability of emissions and air quality information thereby driving air pollution control efforts statewide with a goal of improved intra-Air District communication and cooperation.

The Project Site is located within the community of Wilmington, West Long Beach, and Carson (WWLBC) which was designated a CAPP community in 2018. The WWLBC community is impacted by a variety of sources including freight, freeway traffic, port and rail operations, oil and gas production, and refineries. The community has high levels of air pollution exposure and many sensitive receptors, including schools located near air pollution sources, and contains areas designated as disadvantaged communities. The community also experiences high rates of unemployment and poverty. The SCAQMD has partnered with the Community Steering Community (CSC), a diverse group of local residents, employees, business owners, and students, to develop the *Community Emissions Reduction Plan (CERP) for Wilmington, West Long Beach, and Carson*, which outlines commitments and actions to reduce air pollution in the area.

3.3 Regional

South Coast Air Quality Management District

The CCAA provides the SCAQMD with the authority to manage transportation activities at indirect sources and regulate stationary source emissions. Indirect sources of pollution are generated when minor sources collectively emit a substantial amount of pollution. An example of this would be the motor vehicles at an intersection, a mall, and on highways.

Air Toxics Control Plan

The Air Toxics Control Plan (March 2000, revised March 26, 2004) is a planning document designed to examine the overall direction of the SCAQMD's air toxics control program. It includes development and implementation of strategic initiatives to monitor and control air toxics emissions. Control strategies that are deemed viable and are within the SCAQMD's jurisdiction will each be brought to the SCAQMD Board for further consideration through the normal public review process. Strategies that are to be implemented by other agencies will be developed in a cooperative effort, and the progress will be reported back to CARB periodically.

Multiple Air Toxics Exposure Study

The SCAQMD conducted an in-depth analysis of the toxic air contaminants and their resulting health risks for all of Southern California. The Multiple Air Toxics Exposure Study in the Basin (MATES V)

(August 2021) shows that carcinogenic risk from air toxics in the Basin, based on the average concentrations at the 10 monitoring sites, is approximately 40 percent lower than the monitored average in MATES IV conducted in May 2015, and 84 percent lower than the average in MATES II conducted in March 2000.[14]

MATES V also evaluated the population-weighted cancer risk within Environmental Justice (EJ) communities using the SB 535[15] definition of disadvantaged communities. Between MATES IV and MATES V, air toxic cancer risk decreased by 57 percent in EJ communities overall compared to a 53 percent reduction in non-EJ communities.

MATES V is the most comprehensive dataset documenting the ambient air toxic levels and health risks associated with Basin emissions. Therefore, the MATES V study represents the baseline health risk for a cumulative analysis. MATES V estimates that the average excess cancer risk level from exposure to TACs is 424 in one million in the Basin. In comparison, the MATES IV average risk was 897 per million in the Basin. These model estimates were based on monitoring data collected at ten fixed sites within the Basin. Using extrapolation from monitoring sites, MATES V modeling predicted an excess cancer risk of 569 in one million for the Project area.[16]

[14] South Coast Air Quality Management District, *Multiple Air Toxics Exposure Study in the South Coast AQMD*, August 2021.
[15] SB 535 established initial requirements for minimum funding levels to "Disadvantaged Communities" (DACs). The legislation also gives California EPA the responsibility for identifying those communities, stating that the designation of disadvantaged communities must be based on "geographic, socioeconomic, public health, and environmental hazard criteria."
[16] South Coast Air Quality Management District, *MATES V Estimated Risk*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/page/Main-Page/?views=Cancer-Risk%2CClick-tabs-for-other-data. Accessed May 28, 2025.

4.0 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 Air Quality Thresholds

Based upon the criteria derived from State CEQA Guidelines Appendix G, a project normally would have a significant effect on the environment if it would:

AQ-3 Expose sensitive receptors to substantial pollutant concentrations.

4.2 Health Risk Analysis Thresholds

Project health risks are determined by examining the types and levels of air toxics generated and the associated impacts on factors that affect air quality. Though not required by CEQA or any other applicable State regulation, this HRA was prepared as an informational tool to assess whether the construction phase of the Project would expose sensitive receptors to substantial pollutant concentrations in accordance with CEQA Guidelines, Appendix G, Air Quality Threshold G. The analysis focuses specifically on DPM, as it is the only source of non-negligible TAC emissions that would be caused by Project construction activity. SCAQMD recommends that the following air pollution thresholds be used by lead agencies in determining whether the impacts from a project are significant.[17] If the lead agency finds that a project is likely to exceed the air pollution thresholds, then that project should be considered significant. The TAC thresholds are as follows.

- **Cancer Risk:** Emit contaminants that result in an incremental increase in carcinogenic health risk equal to or greater than 10 in one million.
- **Cancer Burden:** Emit contaminants that result in a cancer burden greater than 0.5 excess cancer cases (in areas that equal or exceed one in one million).
- **Non-Cancer Risk:** Emit contaminants that result in a chronic or acute hazard index greater than or equal to 1.0 (project increment).

Cancer risk impacts are expressed in terms of the incremental increase in developing cancer experienced by the maximally impacted person (resident, worker, student, etc.) over a lifetime due to the TAC exposure. This threshold is an upper-bound incremental probability to determine whether or not a given project has a potentially significant development-specific and cumulative impact and to demonstrate that a new source of TACs does not contribute to a cumulatively significant impact. The 10 in one million standard is a health-protective significance threshold. A risk level of 10 in one million implies a likelihood that up to 10 persons, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants expected for a project over a specified duration of time. This risk would be an excess cancer risk that is in addition to any cancer risk borne by a person not exposed to the air toxics associated with a project.

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Noncarcinogenic 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

[17] South Coast Air Quality Management District, *South Coast AQMD Air Quality Significance Thresholds*, 2023, https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf?sfvrsn=25. Accessed May 28, 2025.

concentration at or below which health effects are not likely to occur. The hazard index is calculated by dividing the pollutant concentration by the REL. A hazard index of less than 1.0 means that adverse health effects are not expected. Within this analysis, non-carcinogenic exposures of less than 1.0 are considered less than significant.

4.3 Methodology

This HRA evaluates potential health risks associated with the emission of DPM resulting from construction and operations of the proposed Project. Construction equipment and heavy-duty truck traffic generate DPM, a known TAC. DPM emissions from construction equipment and operations at the Site would be the primary pollutant of concern, posing a potential health risk to nearby sensitive receptors. Other TACs have not been considered as DPM is the primarily pollutant emitted by diesel-fueled construction equipment and soil conditions do not warrant further evaluation of vapor intrusion from contaminants beneath the ground's surface. The nearest sensitive receptors to the Project Site is the school located northwest of the Project Site.

Construction Sources

Construction would generate DPM emissions from the use of off-road diesel equipment required for site preparation, grading and excavation, paving, and other construction activities. For construction activity, DPM is the primary toxic air contaminant of concern because it is the most potent TAC emitted from construction and includes hundreds of chemicals. Although DPM is a subset of PM10 exhaust, this analysis conservatively assumes all PM10 exhaust emissions are DPM.[18,19] On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment were included in the analysis, although they are typically less of a concern because they would not stay on the site for long durations and most of their emissions would occur further away from the Project Site and nearby sensitive receptors. Diesel exhaust from construction equipment operating at the site potentially poses a health risk to nearby sensitive receptors.

The use of diesel-powered construction equipment on-site would be variable in intensity, duration, and location throughout the Project Site. Idling of construction equipment would be limited to no more than two minutes per MM AQ-1, which lowers potential DPM emissions. Furthermore, even during the most intense period of construction, different types of construction activities (e.g., grading and building construction) would not occur at the same place at the same time. The refined HRA accounts for these variations in emissions and transport.

Construction emissions rates for PM10 (DPM) were calculated utilizing construction data (i.e., offroad diesel construction equipment, construction phase duration, and on-road diesel trucks) assumed for the Project *Air Quality Impact Assessment* (Kimley-Horn, March 2026). The *Air Quality*

[18] More than 90% of DPM is less than 1 µm in diameter and is a subset of PM2.5, and PM2.5 comprises a portion of PM10. Thus, assuming PM10 as the surrogate for DPM constitutes a conservative analysis. CARB, Inhalable Particulate Matter and Health (PM2.5 and PM10). CARB, Inhalable Particulate Matter and Health (PM2.5 and PM10), https://ww2.arb.ca.gov/resources/inhalable-particulate-matter-and-health#:~:text=Fine%20particulate%20matter%20is%20defined,comprises%20a%20portion%20of%20PM10. Accessed May 28, 2025.

[19] CAPCOA and CARB, *Non-Vehicular Diesel Engine Risk Assessment Guidance*, July 2024. https://ww2.arb.ca.gov/sites/default/files/classic/ab2588/2024%20DICE%20Screening%20Risk%20Guidelines.pdf. Accessed May 28, 2025.

Impact Assessment assumed a construction start date of November 1, 2026 and that the off-road construction fleet would consist of equipment of varying ages, meeting a range of U.S. EPA engine tier emission standards. Tier 4 Final emission standards, the most stringent level of emissions controls, were phased in beginning with model year 2008 for engines up to 56 kW with the final deadline for implementing Tier 4 Final standards on all diesel nonroad engines by 2015. Most California-based contractors have completely replaced their equipment with Tier 4F units over the last seventeen years. However, even 10 years after full implementation of Tier 4F standards, older construction equipment may remain in service. As the construction company has not yet been selected it would remain speculative as to the specific equipment list to be utilized, and this analysis provides health risks associated with CARB-provided average engine tier emission standards and Tier 4F emission standards.

All previously assumed construction phase lengths remain consistent with the March 2026 *Air Quality Impact Assessment* (see Appendix C). Refer to Appendix B for CalEEMod outputs utilizing the proposed construction start date of November 2026. Project construction is anticipated to occur over an approximate 19 month period.

Operational Sources

Mobile Sources. Due to the increased truck traffic from the Project, the resulting emissions could result in pollutant concentrations at existing sensitive receptors near the Project site. Average daily trips from truck traffic to the Project site was obtained from the *3800 Via Oro Avenue Traffic Impact Assessment*, prepared by Kimley-Horn and Associates, Inc. (2025). An emission rate for PM10 (DPM) was calculated using trip data and a CARB 2021 EMission FACtors model (EMFAC) model run for Los Angeles County; refer to Appendix A. EMFAC 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 vehicle speed and type. The model was run for heavy-duty diesel vehicles traveling along off-site roads, circulating the Project site, and idling at proposed loading docks.

Off-Road Equipment. This analysis assumes the Project would include one forklift for loading and unloading goods per the *SCAQMD High Cube Warehouse Truck Trip Study White Paper*. This analysis assumes the Project would use diesel off-road cargo handling equipment. Off-road equipment emissions were calculated based on CARB's *Carl Moyer Program Guidelines*.[20]

Emergency Backup Generators. The Project will include a warehouse, and there will be one backup generator installed at the warehouse. The backup generator would only be used in the event of a power failure and would not be part of the Project's normal daily operations. Nonetheless, emissions resulting from periodic testing and maintenance of the generator (typically one day per month for a minimum of a quarter hour but can be up to approximately 4 hours) were included to be conservative. Emissions from the emergency backup generator for the warehouse were calculated separately from CalEEMod; refer to Appendix A. Tier 4 final standard emission limits were used. The end user would be required to obtain permits to construct and operate from the SCAQMD. Emergency backup generators must comply with applicable SCAQMD rules, including but not limited to Rule 1470

[20] California Air Resources Board (CARB), *The Carl Moyer Program Guidelines*, approved April 27, 2017, https://ww2.arb.ca.gov/sites/default/files/classic/msprog/moyer/guidelines/2017/2017_cmpgl.pdf, accessed September 2025.

(Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines), which would minimize emissions.

Dispersion Modeling

The HRA's construction and operational air dispersion modeling was performed using the American Meteorological Society (AMS) and U.S. Environmental Protection Agency (EPA) Regulatory Model (AERMOD). AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources. AERMOD estimates hourly concentrations for each source/receptor pair and calculates concentrations for user-specified averaging times, including an average concentration for the complete simulation period. AERMOD includes atmospheric dispersion options for both urban and rural environments and can address flat, gently rolling, and complex terrain situations. The modeling and analysis were prepared in accordance with the SCAQMD Modeling Guidance for AERMOD.[21] The parameters used in AERMOD include the following:

- **Meteorological Data.** AERMOD requires hourly meteorological data consisting of wind vectors, wind speed, temperature, atmospheric stability, and mixing height. The latest 5-year meteorological data set for the Long Beach/Daugherty Field/Airport (KLGB) Monitoring Station was obtained from the SCAQMD.[22] Surface and upper air meteorological data from this station were selected as being the most representative of meteorology based on proximity to the Project site, as well as terrain, surrounding land uses, and surface characteristics.
- **Project Sources**. Both construction and operational emission sources were modeled in AERMOD. The following discusses emission sources for construction and operations:
    - Construction Sources. The model's emission sources are line volume sources (comprised of smaller adjacent volume sources) for on-site construction and off-site haul truck operations. Off-road construction equipment operating on-site and on-road construction equipment (hauling materials to and from the Project site) were assigned a release height of 12 feet (3.7 meters) and a plume height of 23.8 feet (7.2 meters) based on a vehicle height of 14 feet (4.3 meters). The methodology used to determine release and plume heights was based on U.S. EPA guidance for vehicle volume sources.[23]
    - Operational Sources. Operational line volume sources include the loading dock idling areas, on-site truck circulation, and off-site routes. Operational line volume sources were assumed to operate 24 hours a day. The heavy-duty vehicle plume height and width were calculated using the Haul Road Volume Source Calculator built in AERMOD using roadway width and vehicle height. The backup generator was modeled as a point source and was assigned a release height of five meters. The backup generators were assumed

[21] South Coast Air Quality Management District, *SCAQMD Modeling Guidance for AERMOD*, http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance, accessed September 2025.

[22] South Coast Air Quality Management District, *Meteorological Data for Dispersion Modeling*, https://www.aqmd.gov/home/air-quality/meteorological-data, accessed September 2025.

[23] U.S. EPA. 2012. *Haul Road Workgroup Final Report*, https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf, accessed September 2025.

to operate 50 hours annually for mandatory testing and maintenance. Building downwash was applied for the backup generator.

- **Receptor Grid**. To identify the maximum impacted sensitive receptors, a uniform Cartesian grid was placed over the sensitive receptors in the Project site's vicinity. According to the SCAQMD, a grid spacing of 100 meters or less must be used to identify the maximum impacted receptors (i.e., peak cancer risk and peak hazard indices).[24] Given the Project site's size, sensitive receptors were modeled with a maximum of 50-meter grid spacing.
- **Terrain Characteristics**. As recommended by the SCAQMD, the United States Geological Survey (USGS) National Elevation Dataset (NED) terrain data was imported into AERMOD.
- **Averaging Times.** AERMOD was run to obtain the peak 1-hour and annual average (period) concentration in micrograms per cubic meter ($\mu g/m^3$) of PM_{10} at the nearby sensitive receptors. According to the SCAQMD's *Supplemental Guidelines for Preparing Risk Assessments for AB 2588*, air dispersion modeling is required to estimate annual average concentrations to calculate the Maximally Exposed Individual Resident (MEIR), the maximum chronic hazard index, and the zones of impact.

Risk Assessment

Cancer Risk. Based on the OEHHA methodology, residential inhalation cancer risk from annual average DPM concentrations are calculated by multiplying the daily inhalation dose, cancer potency factor, age sensitivity factor (ASF), frequency of time spent at home, and exposure duration divided by averaging time, yielding the excess cancer risk. These factors are discussed in more detail below. Exposure through inhalation (Dose-air) is a function of breathing rate, exposure frequency, and concentration of substance in the air. To estimate cancer risk, the dose was estimated by applying the following formula to each ground-level concentration:

$$\text{Dose-air} = C_{air} * (BR/BW) * A * EF * 10^{-6}$$

Dose-air =	dose through inhalation (mg/kg/day)
C_{air} =	air concentration ($\mu g/m^3$) from air dispersion model
(DBR/BW) =	daily breathing rate normalized to body weight (L/kg bodyweight-day)
A =	inhalation absorption factor (unitless)
EF =	exposure frequency (approximately 365 days per year)
10^{-6} =	conversion factor (micrograms to milligrams, liters to cubic meters)

Table 2: Exposure Assumptions presents assumptions utilized to calculate cancer risk. The construction exposure duration totals 19 months (1.58 years) to represent the total construction period. The operational exposure duration totals 30 years for residents and 25 years for workers, consistent with OEHHA methodology. OEHHA developed ASFs to consider the increased sensitivity to carcinogens during early-life exposure. In the absence of chemical-specific data, OEHHA recommends default ASFs presented in Table 2. Fraction of time at home (FAH) during the day is used to adjust exposure duration and cancer risk from a specific facility's emissions, based on the

[24] South Coast Air Quality Management District, *SCAQMD Modeling Guidance for AERMOD*, https://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance, accessed September 2025.

assumption that exposure to the facility's emissions is not occurring away from home. ASFs, FAH, and daily breathing rates are based on the OEHHA methodology.

Table 2: Exposure Assumptions

Scenario	Age	Exposure Frequency (days/year)[1]	Exposure Duration (years)[2]	Age Sensitivity Factor (ASF)[3]	Fraction of Time at Home (FAH)[4]	Daily Breathing Rate (L/kg BW-day[2])[5,6]
Construction	**Residential**					
	Third trimester	250	0.25	10	100%	361
	0 to 2 years	250	1.33	10	100%	1090
	Ages 2 through 8 years	250	0	3	100%	631
	Ages 9 through 15 years	250	0	3	100%	572
	Ages 16 and greater	250	0	1	73%	261
	Worker	250	1.58	1	N/A	230
	Student[7]	180	1.58	3	N/A	640
Operations	**Residential**					
	Third trimester	350	0.25	10	100%	361
	0 to 2 years	350	2	10	100%	1090
	Ages 2 through 8 years	350	7	3	100%	631
	Ages 9 through 15 years	350	7	3	100%	572
	Ages 16 and greater	350	13.75	1	73%	261
	Worker	250	25	1	N/A	230
	Student[7]	180	7	3	N/A	640
Combined	**Residential**					
	Third trimester	350	Construction: 0.25	10	100%	361
	0 to 2 years	350	Construction: 1.33 Operations: 0.67	10	100%	1090
	Ages 2 through 8 years	350	Operations: 7	3	100%	631
	Ages 9 through 15 years	350	Operations: 7	3	100%	572
	Ages 16 and greater	350	Operations: 13.75	1	73%	261
	Worker	250	Construction: 1.58 Operations: 23.42	1	N/A	230
	Student[7]	180	Construction: 1.58 Operations: 5.42	3	N/A	640

1. The exposure frequency is based on OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015 (OEHHA Manual); refer to OEHHA Manual Section 5.4.1, Estimation of Exposure through Inhalation.
2. The exposure duration is based on the OEHHA Manual) refer to OEHHA Manual Equation 8.2.4 A.
3. The age sensitivity factor is based on OEHHA Manual Table 8.3, *Age Sensitivity Factors by Age Group for Cancer Risk Assessment*.
4. The fraction of time at home is based on OEHHA Manual Section 8.2.2, *Fraction of Time Spent at Home for Cancer Risk Assessment*.
5. Daily breathing rate normalized to body weight (L/kg body weight – day) (95th percentile for 3rd trimester to 2 years and 80th percentile for other age groups) per OEHHA Manual Table 5.7, *Daily Breathing Rate Distributions by Age Group for Residential Stochastic Analysis (L/kg BW-day)*.
6. Worker and student breathing rates are 95th percentile 8-hour breathing rates based on moderate intensity activity.
7. The student age category was modeled for ages 11 through 18 as the nearest school to the Project site is the Rancho Dominguez Preparatory School.

Source: California Office of Environmental Health Hazard Assessment, *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015 and South Coast Air Quality Management District, Permit Application Package "N" Risk Assessment Procedures for Rules 1401, 1401.1, and 212 Version 8.1.

To estimate the cancer risk, the dose is multiplied by the cancer potency factor, the exposure duration divided by averaging time, and the frequency of time spent at home (for residents only):

$$Risk_{inh\text{-}res} = (Dose_{air} * CPF * (ED/AT) * FAH)$$

$Risk_{inh\text{-}res}$ = residential inhalation cancer risk (potential chances per million)
$Dose_{air}$ = daily dose through inhalation (mg/kg-day)
CPF = inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
ED = exposure duration (years)
AT = averaging time of lifetime cancer risk (years)
FAH = fraction of time spent at home (unitless)

Non-Cancer Risk. The chronic non-cancer risk is calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.[25] The following equation was used to determine the chronic non-cancer risk hazard index:

$$\text{Hazard Index} = C_i/REL_i$$

C_i = concentration in the air of substance (annual average concentration in $\mu g/m^3$)
REL_i = chronic noncancer Reference Exposure Level for substance ($\mu g/m^3$)

Health Risk Computation. A health risk computation was performed to determine the cancer risk and chronic non-cancer risk using the approach described in the OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, dated February 2015 (OEHHA Guidance Manual). Health risks were analyzed at the point of maximum impact and are a conservative estimate. The pollutant concentrations are then used to estimate the long-term cancer risk to an individual as well as the chronic non-cancer risk hazard index.

The individual cancer and chronic non-cancer risks are based on the annual average concentration of PM_{10} (used as a proxy for DPM). As noted above, the chronic and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA *Human Health Evaluation Manual* (1991) and the OEHHA Guidance Manual. The concentration estimates developed using this methodology are conservative and not a specific prediction of the actual concentrations that would occur at the Project site at any given point in time. Actual 1-hour and annual average concentrations are dependent on many variables, particularly the number and types of vehicles and equipment operating at specific distances during periods of adverse meteorology. The health risk computation was performed to determine the risk of developing an excess cancer risk calculated on these worst-case exposure duration scenarios. Only the risk associated with the Project's worst-case location was assessed.

[25] California Office of Environmental Health Hazard Assessment, *Guidance Manual for Preparation of Health Risk Assessments Appendices A-F*, February 2015.

5.0 POTENTIAL HEALTH RISK IMPACTS

CARB identified DPM as a TAC in 1998. Mobile sources (including trucks, buses, automobiles, trains, ships, and farm equipment) are by far the largest diesel emissions source. Diesel exhaust is emitted from a broad range of on- and off-road diesel engines. As the Project site is near existing sensitive receptors (i.e., single-family residential uses located approximately 700 feet to the east and southeast of the Project site), an analysis of DPM was performed using the U.S. EPA-approved AERMOD model.

5.1 Carcinogenic Risk

Table 3: Carcinogenic Risk Assessment shows the health risk results from TAC exposure during Project construction and operations. Operations would commence following construction and construction would not overlap with operations. The analysis calculates risk based on exposure to construction concentrations during the initial 19 months of the exposure duration and operational concentrations for the remainder of the exposure duration. The Project (operations scenario) would result in a maximum cancer risk of 0.41 in one million at the nearest residential receptors, 0.02 in one million at the nearest student receptors, and 0.11 in one million at the nearest worker receptors. Therefore, the SCAQMD threshold of 10 in one million would not be exceeded at the nearest receptors and impacts would be less than significant.

Table 3: Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (per Million)[1,2]	Significance Threshold (per Million)	Risk Exceeds Threshold?
Construction			
Single-Family Residential	0.01	10	No
Student Receptor (Rancho Dominguez Preparatory School)	<0.01	10	No
Worker Receptor (3900 Via Oro Avenue)	<0.01	10	No
Operations			
Single-Family Residential (30-year)	0.41	10	No
Single-Family Residential (70-year)[3]	0.47	N/A	N/A
Student Receptor (Rancho Dominguez Preparatory School)	0.02	10	No
Worker Receptor (3900 Via Oro Avenue)	0.11	10	No
Construction and Operations Combined			
Single-Family Residential	0.30	10	No
Student Receptor (Rancho Dominguez Preparatory School)	0.02	10	No
Worker Receptor (3900 Via Oro Avenue)	0.10	10	No

NA = Not Applicable
1. The reported annual pollutant concentration is at the closest maximally exposed individual resident (MEIR) to the Project site.
2. The cancer risk conservatively assumes that forklifts would be diesel powered.
3. In accordance with OEHHA and SCAQMD guidance, cancer burden is based on 70-year exposure, whereas maximum individual carcinogenic impacts are based on 30-year exposure.

Source: Refer to Appendix A for modeling data.

Cancer Burden

According to OEHHA, cancer burden, defined as the number of increased cancer cases expected in a population of one million, is used to assess public health impacts on a larger scale. Emissions of Project-generated DPM disperses, and concentration dissipates rapidly with distance from the Project Site boundary. The total cancer burden is the product of the number of people in a residential population area and the estimated individual risk.

In accordance with *SCAQMD Risk Procedures for Rules 1401, 1401.1, and 212* (October 2024), the methodology for estimating the cancer burden was developed based on the total maximum individual cancer risk (MICR) from all TACs emitted by a single source, assuming a 70-year residential exposure duration. To evaluate the spatial extent of potential health impacts, the distance at which the MICR associated with this exposure duration falls below one in one million was estimated by back-calculating the corresponding distance from the source. This distance defines the radius of a circular "zone of impact," within which the cancer risk may exceed one in one million.

As shown in Table 3, the maximum cancer risk at the nearest residences is 0.47 in one million. This value is below the one in one million threshold. Therefore, no residences are located within the one in one million cancer risk isopleth, and no residential receptors would experience an incremental cancer burden.

5.2 Non-Carcinogenic Risk

The SCAQMD also requires an evaluation of non-cancer risk from TAC exposure stated in terms of a hazard index. As discussed above, construction- and operational-related activities would result in Project-generated DPM emissions, which is the primary TAC of concern. Table 4: Chronic Hazard Assessment shows the chronic non-cancer risk hazard index from Project construction and operational emissions. A chronic non-cancer risk hazard index of 1.0 or greater is considered individually significant. The highest maximum chronic hazard index associated with DPM emissions from Project construction would be less than 0.0001 for all receptors. Additionally, the highest maximum chronic hazard index associated with DPM emissions from Project operations would be 0.0003 at the worker receptors, 0.0001 at the residential receptors, and less than 0.0001 at the student receptors. It is noted that there is no acute REL for DPM and acute health risk cannot be calculated. Therefore, non-carcinogenic hazards are calculated to be within acceptable limits and a less than significant impact would occur.

Table 4: Chronic Hazard Assessment

Emissions Sources	Concentration (µg/m³) [1]	Chronic Hazard
Construction		
Single-Family Residential	<0.0001	<0.0001
Student Receptor (Rancho Dominguez Preparatory School)	0.0001	<0.0001
Worker Receptor (3900 Via Oro Avenue)	0.0001	<0.0001

Table 4: Chronic Hazard Assessment		
Emissions Sources	**Concentration (µg/m^3) [1]**	**Chronic Hazard**
Operations		
Single-Family Residential	0.0005	0.0001
Student Receptor (Rancho Dominguez Preparatory School)	0.0002	<0.0001
Worker Receptor (3900 Via Oro Avenue)	0.0017	0.0003
SCAQMD Threshold	*N/A*	*1.0*
Threshold Exceeded?	**N/A**	**No**
1. The reported pollutant concentration (annual period) is at the closest receptor (maximally exposed individual receptor).		
Source: Refer to Appendix A.		

5.3 Conclusion

As concluded above, the Project's cancer and non-cancer risks from construction emissions would be less than significant, as both would be below the SCAQMD's thresholds of significance.

It is noted that this analysis assesses the Project's incremental contribution to health risk impacts, consistent with the SCAQMD guidance and methodology. The SCAQMD has not established separate cumulative thresholds and does not require combining impacts from cumulative projects. The SCAQMD considers projects that do not exceed the project-specific individual incremental thresholds to not be cumulatively significant.[26] Therefore, because the Project's health risks (i.e., cancer and non-cancer) would not exceed the Project-specific incremental thresholds, the Project would not result in a cumulatively significant impact and the Project's contribution would be less than cumulatively considerable.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

[26] South Coast Air Quality Management District, *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution*, August 2003.

6.0 REFERENCES

1. California Air Pollution Control Officers Association, *Health Risk Assessment for Proposed Land Use Projects*, July 2009.
2. California Air Resources Board, *ACF Waiver Update*, https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets, accessed September 2025.
3. California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed September 2025.
4. California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.
5. California Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program Risk Assessment Guidelines*, August 2003.
6. California Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program Risk Assessment Guidance Manual for Preparation of Health Risk Assessments*, February 2015.
7. California Office of Environmental Health Hazard Assessment, *CalEnviroScreen 4.0 Results (October 2021 Update)*, https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40, accessed September 2025.
8. California Office of Environmental Health Hazard Assessment, *OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*, https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary, accessed September 2025.
9. Health Effects Institute, Advanced Collaborative Emissions Study (ACES): *Lifetime Cancer and Non-Cancer Assessment in Rats Exposed to New-Technology Diesel Exhaust*, January 2015.
10. Lakes Environmental, *AERMOD View Gaussian Plume Air Dispersion Model*, Version 12.0.0.
11. Ralph Propper, et al., *Ambient and Emission Trends of Toxic Air Contaminants in California, Environmental Science and Technology*, September 2015.
12. South Coast Air Quality Management District, *Air Toxics Control Plan for the Next Ten Years*, March 2000.
13. South Coast Air Quality Management District, *Addendum to the Air Toxics Control Plan*, March 2004.
14. South Coast Air Quality Management District, *SCAQMD Meteorological Data for AERMO*D, http://www.aqmd.gov/home/air-quality/meteorological-data, accessed September 2025.
15. South Coast Air Quality Management District, *Multiple Air Toxics Exposure Study (MATES V)*, August 2021.
16. South Coast Air Quality Management District, *SCAQMD Modeling Guidance for AERMOD*, http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance, accessed September 2025.

17. South Coast Air Quality Management District, *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution*, August 2003.
18. United States Environmental Protection Agency, *Exposure Factors Handbook: 2011 Edition*, September 2011.
19. United States Environmental Protection Agency, *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements, Final Rule. 40 Code of Federal Regulations, Parts 69, 80, and 86*. January 18, 2001.
20. United States Environmental Protection Agency, *Haul Road Workgroup Final Report*, March 2012.
21. United States Environmental Protection Agency, *Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens, EPA/630/R-003F*, https://www.epa.gov/sites/default/files/2013-09/documents/childrens_supplement_final.pdf, accessed September 2025.

Appendix A

Modeling Data

Risk Summary - Unmitigated

							Construction			Operations			Combined			Annual Concentration			Chronic Hazard	
Description		Location		X	Y	X, Y	#	Const Risk	Risk per Million	#	Ops Risk	Risk per Million	#	Combined	Risk per Million	Const	Ops	REL	Const	Ops
Residential Receptors	1	Single-Family Residential (3773 Delta Ave)	Highest Construction Concentration	387319.21	3743322.33	387319.21, 3743322.33	584	1.27E-08	0.01	584	4.09E-07	0.41	584	3.02E-07	0.30	0.0000	0.0005	5	0.0000	0.0001
						Sheet Name:	ConstRisk!	ConstRisk!		ResRisk!	ResRisk!		ResCombined	ResCombined!		ConstRisk!	ResRisk!			
						Lookup Range:	E9:E2552	E9:E2552		E9:E2552	E9:E2552		E9:E2552	E9:E2552		E9:E2552	E9:E2552			
						Return Range:	A9:A2552	W9:W2552		A9:A2552	AA9:AA2552		A9:A2552	V9:V2552		M9:M2552	O9:O2552			
							Construction			Operations			Combined			Annual Concentration			Chronic Hazard	
							#	Const Risk	Risk per Million	#	Ops Risk	Risk per Million	#	Combined	Risk per Million	Const	Ops	REL	Const	Ops
Worker Receptors	1	Denso Robotics - Corporate office (3900 Via Oro Ave)	Highest Construction Concentration	387963.31	3744015.45	387963.31, 3744015.45	53	2.44E-10	2.44E-04	53	1.06E-07	0.11	53	9.93E-08	0.10	0.0001	0.0017	5	0.0000	0.0003
						Sheet Name:	WorkerRisk!	WorkerRisk!		WorkerRisk	WorkerRisk!		WorkerRisk!	WorkerRisk!		WorkerRisk!	WorkerRisk!			
						Lookup Range:	E9:E2552	E9:E2552		E9:E2552	E9:E2552		E9:E2552	E9:E2552		E9:E2552	E9:E2552			
						Return Range:	A9:A2552	L9:L2552		A9:A2552	M9:M2552		A9:A2552	N9:N2552		F9:F2552	G9:G2552			
							Construction			Operations			Combined			Annual Concentration			Chronic Hazard	
							#	Const Risk	Risk per Million	#	Ops Risk	Risk per Million	#	Combined	Risk per Million	Const	Ops	REL	Const	Ops
Student Receptors	1	Dominguez Prepatory School (4110 Santa Fe Ave)	Highest Construction Concentration	387613.28	3744230.92	387613.28, 3744230.92	125	1.52E-09	1.52E-03	125	2.28E-08	0.02	125	1.92E-08	0.02	0.0001	0.0002	5	0.0000	0.0000
						Sheet Name:	StudentRisk!	StudentRisk!		StudentRisk	StudentRisk!		StudentRisk!	StudentRisk!		StudentRisk!	StudentRisk!			
						Lookup Range:	E9:E2552	E9:E2552		E9:E2552	E9:E2552		E9:E2552	E9:E2552		E9:E2552	E9:E2552			
						Return Range:	A9:A2552	L9:L2552		A9:A2552	M9:M2552		A9:A2552	N9:N2552		F9:F2552	G9:G2552			

Construction Risk (Unmitigated)

	ONSITE	HAUL
Emissions Rate (g/s):	3.51E-03	8.48E-06

Discrete Receptor ID	X	Y	X, Y	Concentration [µg/m^3] at 1 g/s ONSITE	HAUL	Unmitigated ONSITE	HAUL	Total	Residential Dose 3rd	0<2	2<9	9<16	16<30	Risk by Age Group 3rd	0<2	2<9	9<16	16<30	Total Risk
1 W_1	387507.26	3743641.71	387507.26, 3743641.71	0.01441	0.01069	5.06E-05	9.06E-08	5.06E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.9E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
2 W_2	387507.26	3743691.71	387507.26, 3743691.71	0.0148	0.01089	5.19E-05	9.23E-08	5.20E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.3E-09	5.1E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
3 W_3	387507.26	3743741.71	387507.26, 3743741.71	0.01451	0.01064	5.09E-05	9.02E-08	5.10E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	5.0E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
4 W_4	387507.26	3743791.71	387507.26, 3743791.71	0.01488	0.01083	5.22E-05	9.18E-08	5.23E-05	1.3E-08	3.9E-08	2.3E-08	2.0E-08	9.3E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
5 W_5	387507.26	3743841.71	387507.26, 3743841.71	0.01527	0.01102	5.36E-05	9.34E-08	5.37E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
6 W_6	387557.26	3743641.71	387557.26, 3743641.71	0.01561	0.01123	5.48E-05	9.52E-08	5.49E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
7 W_7	387557.26	3743691.71	387557.26, 3743691.71	0.01465	0.01057	5.14E-05	8.96E-08	5.15E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
8 W_8	387557.26	3743741.71	387557.26, 3743741.71	0.01494	0.01077	5.24E-05	9.13E-08	5.25E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
9 W_9	387557.26	3743791.71	387557.26, 3743791.71	0.01541	0.01095	5.41E-05	9.29E-08	5.42E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
10 W_10	387557.26	3743841.71	387557.26, 3743841.71	0.01576	0.01115	5.53E-05	9.45E-08	5.54E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
11 W_11	387557.26	3743891.71	387557.26, 3743891.71	0.01613	0.01137	5.66E-05	9.64E-08	5.67E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
12 W_12	387557.26	3743941.71	387557.26, 3743941.71	0.01652	0.01159	5.80E-05	9.83E-08	5.81E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
13 W_13	387557.26	3743991.71	387557.26, 3743991.71	0.01694	0.01181	5.94E-05	1.00E-07	5.95E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
14 W_14	387607.26	3743841.71	387607.26, 3743841.71	0.01739	0.01205	6.10E-05	1.02E-07	6.11E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
15 W_15	387607.26	3743891.71	387607.26, 3743891.71	0.01471	0.01051	5.16E-05	8.91E-08	5.17E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
16 W_16	387607.26	3743941.71	387607.26, 3743941.71	0.01513	0.01068	5.31E-05	9.06E-08	5.32E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
17 W_17	387607.26	3743991.71	387607.26, 3743991.71	0.01553	0.01086	5.45E-05	9.21E-08	5.46E-05	1.3E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
18 W_18	387607.26	3744041.71	387607.26, 3744041.71	0.0159	0.01106	5.58E-05	9.38E-08	5.59E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
19 W_19	387607.26	3744091.71	387607.26, 3744091.71	0.01627	0.01127	5.71E-05	9.56E-08	5.72E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
20 W_20	387657.26	3743841.71	387657.26, 3743841.71	0.0167	0.01148	5.86E-05	9.73E-08	5.87E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
21 W_21	387657.26	3743891.71	387657.26, 3743891.71	0.01714	0.0117	6.01E-05	9.92E-08	6.02E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
22 W_22	387657.26	3743941.71	387657.26, 3743941.71	0.01757	0.01194	6.16E-05	1.01E-07	6.17E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
23 W_23	387657.26	3743991.71	387657.26, 3743991.71	0.01485	0.01043	5.21E-05	8.84E-08	5.22E-05	1.3E-08	3.9E-08	2.3E-08	2.0E-08	9.3E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
24 W_24	387657.26	3744041.71	387657.26, 3744041.71	0.01529	0.01058	5.36E-05	8.97E-08	5.37E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
25 W_25	387657.26	3744091.71	387657.26, 3744091.71	0.01565	0.01077	5.49E-05	9.13E-08	5.50E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
26 W_26	387657.26	3744141.71	387657.26, 3744141.71	0.01605	0.01096	5.63E-05	9.29E-08	5.64E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
27 W_27	387707.26	3743841.71	387707.26, 3743841.71	0.01644	0.01116	5.77E-05	9.46E-08	5.78E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
28 W_28	387707.26	3743891.71	387707.26, 3743891.71	0.01683	0.01138	5.90E-05	9.65E-08	5.91E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.7E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
29 W_29	387707.26	3743941.71	387707.26, 3743941.71	0.01727	0.0116	6.06E-05	9.84E-08	6.07E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
30 W_30	387707.26	3743991.71	387707.26, 3743991.71	0.01774	0.01182	6.22E-05	1.00E-07	6.23E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
31 W_31	387707.26	3744041.71	387707.26, 3744041.71	0.01501	0.01032	5.27E-05	8.75E-08	5.27E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
32 W_32	387707.26	3744091.71	387707.26, 3744091.71	0.01544	0.01047	5.42E-05	8.88E-08	5.43E-05	1.3E-08	4.1E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
33 W_33	387707.26	3744141.71	387707.26, 3744141.71	0.0158	0.01065	5.54E-05	9.03E-08	5.55E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
34 W_34	387757.26	3743841.71	387757.26, 3743841.71	0.01618	0.01084	5.68E-05	9.19E-08	5.69E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
35 W_35	387757.26	3743891.71	387757.26, 3743891.71	0.01659	0.01104	5.82E-05	9.36E-08	5.83E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
36 W_36	387757.26	3743941.71	387757.26, 3743941.71	0.017	0.01125	5.96E-05	9.54E-08	5.97E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
37 W_37	387757.26	3743991.71	387757.26, 3743991.71	0.01743	0.01147	6.12E-05	9.73E-08	6.13E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
38 W_38	387757.26	3744041.71	387757.26, 3744041.71	0.01789	0.0117	6.28E-05	9.92E-08	6.29E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
39 W_39	387757.26	3744091.71	387757.26, 3744091.71	0.01516	0.0102	5.32E-05	8.65E-08	5.33E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
40 W_40	387757.26	3744141.71	387757.26, 3744141.71	0.01554	0.01037	5.45E-05	8.79E-08	5.46E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
41 W_41	387862.1	3744056.02	387862.1, 3744056.02	0.01591	0.01055	5.58E-05	8.95E-08	5.59E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
42 W_42	387862.1	3744106.02	387862.1, 3744106.02	0.01632	0.01072	5.73E-05	9.09E-08	5.73E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
43 W_43	387912.1	3744056.02	387912.1, 3744056.02	0.01673	0.01092	5.87E-05	9.26E-08	5.88E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
44 W_44	387912.1	3744106.02	387912.1, 3744106.02	0.01714	0.01113	6.01E-05	9.44E-08	6.02E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
45 W_45	387962.1	3744056.02	387962.1, 3744056.02	0.0176	0.01134	6.17E-05	9.62E-08	6.18E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
46 W_46	387962.1	3744106.02	387962.1, 3744106.02	0.01807	0.01157	6.34E-05	9.81E-08	6.35E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.2E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
47 W_47	388012.1	3744056.02	388012.1, 3744056.02	0.01532	0.01006	5.37E-05	8.53E-08	5.38E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
48 W_48	388012.1	3744106.02	388012.1, 3744106.02	0.01567	0.01024	5.50E-05	8.68E-08	5.51E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
49 W_49	388062.1	3744056.02	388062.1, 3744056.02	0.01603	0.01043	5.62E-05	8.84E-08	5.63E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
50 W_50	388062.1	3744106.02	388062.1, 3744106.02	0.01645	0.01061	5.77E-05	9.00E-08	5.78E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
51	387863.31	3744015.45	387863.31, 3744015.45	0.01686	0.01081	5.92E-05	9.17E-08	5.92E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
52	387913.31	3744015.45	387913.31, 3744015.45	0.01727	0.01102	6.06E-05	9.34E-08	6.07E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
53	387963.31	3744015.45	387963.31, 3744015.45	0.01774	0.01123	6.22E-05	9.52E-08	6.23E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
54	388013.31	3744015.45	388013.31, 3744015.45	0.01822	0.01144	6.39E-05	9.70E-08	6.40E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
55	388063.31	3744015.45	388063.31, 3744015.45	0.01538	0.00998	5.40E-05	8.46E-08	5.40E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.2E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
56	387826.23	3744056.86	387826.23, 3744056.86	0.01576	0.01014	5.53E-05	8.60E-08	5.54E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
57	387826.23	3744106.86	387826.23, 3744106.86	0.01614	0.01032	5.66E-05	8.75E-08	5.67E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
58	387827.44	3744016.29	387827.44, 3744016.29	0.01655	0.01051	5.81E-05	8.91E-08	5.82E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
59 W_51	387689.52	3743645.82	387689.52, 3743645.82	0.01698	0.01069	5.96E-05	9.06E-08	5.97E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
60 W_52	387689.52	3743695.82	387689.52, 3743695.82	0.0174	0.01091	6.10E-05	9.25E-08	6.11E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
61 W_53	387689.52	3743745.82	387689.52, 3743745.82	0.01788	0.0111	6.27E-05	9.41E-08	6.28E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
62 W_54	387739.52	3743645.82	387739.52, 3743645.82	0.01838	0.01132	6.45E-05	9.60E-08	6.46E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
63 W_55	387739.52	3743695.82	387739.52, 3743695.82	0.01547	0.00987	5.43E-05	8.37E-08	5.44E-05	1.3E-08	4.1E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
64 W_56	387739.52	3743745.82	387739.52, 3743745.82	0.01585	0.01004	5.56E-05	8.51E-08	5.57E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
65 W_57	387789.52	3743645.82	387789.52, 3743645.82	0.01625	0.01021	5.70E-05	8.66E-08	5.71E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
66 W_58	387789.52	3743695.82	387789.52, 3743695.82	0.01665	0.0104	5.84E-05	8.82E-08	5.85E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
67 W_59	387789.52	3743745.82	387789.52, 3743745.82	0.01708	0.01059	5.99E-05	8.98E-08	6.00E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
68 W_60	387839.52	3743645.82	387839.52, 3743645.82	0.01752	0.0108	6.15E-05	9.16E-08	6.16E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
69 W_61	387839.52	3743695.82	387839.52, 3743695.82	0.01799	0.011	6.31E-05	9.33E-08	6.32E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
70 W_62	387839.52	3743745.82	387839.52, 3743745.82	0.01849	0.01122	6.49E-05	9.51E-08	6.50E-05	1.6E-08	4.9E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
71 W_63	387889.52	3743645.82	387889.52, 3743645.82	0.01551	0.0098	5.44E-05	8.31E-08	5.45E-05	1.3E-08	4.1E-08	2.4E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
72 W_64	387889.52	3743695.82	387889.52, 3743695.82	0.01593	0.00995	5.59E-05	8.44E-08	5.60E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
73 W_65	387889.52	3743745.82	387889.52, 3743745.82	0.01633	0.01011	5.73E-05	8.57E-08	5.74E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
74 W_66	387939.52	3743695.82	387939.52, 3743695.82	0.01675	0.0103	5.88E-05	8.73E-08	5.89E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
75 W_67	387939.52	3743745.82	387939.52, 3743745.82	0.01718	0.01049	6.03E-05	8.90E-08	6.04E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
76 W_68	387989.52	3743745.82	387989.52, 3743745.82	0.01762	0.0107	6.18E-05	9.07E-08	6.19E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
77	387692.61	3743778.61	387692.61, 3743778.61	0.01811	0.0109	6.35E-05	9.24E-08	6.36E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
78	387742.61	3743778.61	387742.61, 3743778.61	0.01863	0.0111	6.54E-05	9.41E-08	6.55E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
79	387792.61	3743778.61	387792.61, 3743778.61	0.01552	0.00974	5.45E-05	8.26E-08	5.45E-05	1.3E-08	4.1E-08	2.4E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
80	387842.61	3743778.61	387842.61, 3743778.61	0.01599	0.00986	5.61E-05	8.36E-08	5.62E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
81	387892.61	3743778.61	387892.61, 3743778.61	0.0164	0.01002	5.75E-05	8.50E-08	5.76E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
82	387942.61	3743778.61	387942.61, 3743778.61	0.01682	0.0102	5.90E-05	8.65E-08	5.91E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
83	387992.61	3743778.61	387992.61, 3743778.61	0.01726	0.01039	6.06E-05	8.81E-08	6.06E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
84	387654.54	3743692.47	387654.54, 3743692.47	0.01772	0.01058	6.22E-05	8.97E-08	6.23E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
85	387654.54	3743742.47	387654.54, 3743742.47	0.01821	0.01079	6.39E-05	9.15E-08	6.40E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
86 W_69	387705.59	3744244.86	387705.59, 3744244.86	0.01873	0.011	6.57E-05	9.33E-08	6.58E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
87 W_70	387705.59	3744294.86	387705.59, 3744294.86	0.01558	0.00965	5.47E-05	8.18E-08	5.47E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
88 W_71	387755.59	3744244.86	387755.59, 3744244.86	0.01603	0.00977	5.62E-05	8.28E-08	5.63E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
89 W_72	387755.59	3744294.86	387755.59, 3744294.86	0.01644	0.00994	5.77E-05	8.43E-08	5.78E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
90 W_73	387755.59	3744344.86	387755.59, 3744344.86	0.01687	0.01011	5.92E-05	8.57E-08	5.93E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
91 W_74	387755.59	3744394.86	387755.59, 3744394.86	0.01732	0.01029	6.08E-05	8.73E-08	6.09E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
92 W_75	387805.59	3744294.86	387805.59, 3744294.86	0.01779	0.01048	6.24E-05	8.89E-08	6.25E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
93 W_76	387805.59	3744344.86	387805.59, 3744344.86	0.01829	0.01068	6.42E-05	9.06E-08	6.43E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
94 W_77	387805.59	3744394.86	387805.59, 3744394.86	0.01881	0.01089	6.60E-05	9.23E-08	6.61E-05	1.6E-08	4.9E-08	2.9E-08	2.6E-08	1.2E-08	6.4E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
95 W_78	387805.59	3744444.86	387805.59, 3744444.86	0.01565	0.00953	5.49E-05	8.08E-08	5.50E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
96 W_79	387805.59	3744494.86	387805.59, 3744494.86	0.01605	0.00969	5.63E-05	8.22E-08	5.64E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
97 W_80	387805.59	3744544.86	387805.59, 3744544.86	0.01646	0.00986	5.77E-05	8.36E-08	5.78E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
98 W_81	387855.59	3744444.86	387855.59, 3744444.86	0.01689	0.01003	5.93E-05	8.51E-08	5.93E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
99 W_82	387855.59	3744494.86	387855.59, 3744494.86	0.01736	0.01019	6.09E-05	8.64E-08	6.10E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
100 W_83	387855.59	3744544.86	387855.59, 3744544.86	0.01784	0.01037	6.26E-05	8.79E-08	6.27E-05	1.5E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
101 W_84	387855.59	3744594.86	387855.59, 3744594.86	0.01835	0.01056	6.44E-05	8.95E-08	6.45E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
102 W_85	387905.59	3744544.86	387905.59, 3744544.86	0.01888	0.01075	6.62E-05	9.12E-08	6.63E-05	1.6E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.4E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
103 W_86	387905.59	3744594.86	387905.59, 3744594.86	0.01559	0.0095	5.47E-05	8.06E-08	5.48E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
104 W_87	387905.59	3744644.86	387905.59, 3744644.86	0.01605	0.00961	5.63E-05	8.15E-08	5.64E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
105 W_88	387905.59	3744694.86	387905.59, 3744694.86	0.01647	0.00977	5.78E-05	8.28E-08	5.79E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
106 W_89	387955.59	3744644.86	387955.59, 3744644.86	0.01692	0.00989	5.94E-05	8.39E-08	5.94E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
107 S_1	387463.28	3744230.92	387463.28, 3744230.92	0.01738	0.01009	6.10E-05	8.56E-08	6.11E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
108 S_2	387463.28	3744280.92	387463.28, 3744280.92	0.01786	0.01028	6.27E-05	8.72E-08	6.27E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
109 S_3	387463.28	3744330.92	387463.28, 3744330.92	0.01837	0.01045	6.45E-05	8.86E-08	6.45E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
110 S_4	387513.28	3744230.92	387513.28, 3744230.92	0.01891	0.01064	6.63E-05	9.02E-08	6.64E-05	1.6E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
111 S_5	387513.28	3744280.92	387513.28, 3744280.92	0.01566	0.00931	5.49E-05	7.89E-08	5.50E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
112 S_6	387513.28	3744330.92	387513.28, 3744330.92	0.01603	0.00954	5.62E-05	8.09E-08	5.63E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
113 S_7	387513.28	3744380.92	387513.28, 3744380.92	0.01645	0.0097	5.77E-05	8.23E-08	5.78E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
114 S_8	387513.28	3744430.92	387513.28, 3744430.92	0.01691	0.00984	5.93E-05	8.34E-08	5.94E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
115 S_9	387513.28	3744480.92	387513.28, 3744480.92	0.01737	0.00997	6.09E-05	8.45E-08	6.10E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
116 S_10	387563.28	3744230.92	387563.28, 3744230.92	0.01786	0.01015	6.27E-05	8.61E-08	6.27E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
117 S_11	387563.28	3744280.92	387563.28, 3744280.92	0.01837	0.01033	6.45E-05	8.76E-08	6.45E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
118 S_12	387563.28	3744330.92	387563.28, 3744330.92	0.01891	0.01052	6.63E-05	8.92E-08	6.64E-05	1.6E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
119 S_13	387563.28	3744380.92	387563.28, 3744380.92	0.01562	0.00921	5.48E-05	7.81E-08	5.49E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
120 S_14	387563.28	3744430.92	387563.28, 3744430.92	0.016	0.00935	5.61E-05	7.93E-08	5.62E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
121 S_15	387563.28	3744480.92	387563.28, 3744480.92	0.01644	0.00953	5.77E-05	8.08E-08	5.78E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
122 S_16	387563.28	3744530.92	387563.28, 3744530.92	0.01689	0.00975	5.93E-05	8.27E-08	5.93E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
123 S_17	387563.28	3744580.92	387563.28, 3744580.92	0.01735	0.00987	6.09E-05	8.37E-08	6.10E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
124 S_18	387563.28	3744630.92	387563.28, 3744630.92	0.01782	0.01002	6.25E-05	8.50E-08	6.26E-05	1.5E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
125 S_19	387613.28	3744230.92	387613.28, 3744230.92	0.01833	0.0102	6.43E-05	8.65E-08	6.44E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
126 S_20	387613.28	3744280.92	387613.28, 3744280.92	0.01886	0.01037	6.62E-05	8.79E-08	6.63E-05	1.6E-08	4.9E-08	2.9E-08	2.6E-08	1.2E-08	6.4E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
127 S_21	387613.28	3744330.92	387613.28, 3744330.92	0.01556	0.00912	5.46E-05	7.73E-08	5.47E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
128 S_22	387613.28	3744380.92	387613.28, 3744380.92	0.01595	0.00926	5.60E-05	7.85E-08	5.60E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
129 S_23	387613.28	3744430.92	387613.28, 3744430.92	0.01636	0.0094	5.74E-05	7.97E-08	5.75E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09

130	S_24	387613.28	3744480.92	387613.28, 3744480.92	0.0168	0.00956	5.89E-05	8.11E-08	5.90E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
131	S_25	387613.28	3744530.92	387613.28, 3744530.92	0.01729	0.00974	6.07E-05	8.26E-08	6.07E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
132	S_26	387613.28	3744580.92	387613.28, 3744580.92	0.01774	0.00989	6.22E-05	8.39E-08	6.23E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	6.1E-10	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
133	S_27	387613.28	3744630.92	387613.28, 3744630.92	0.01828	0.01008	6.41E-05	8.55E-08	6.42E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
134	S_28	387613.28	3744680.92	387613.28, 3744680.92	0.0188	0.01025	6.60E-05	8.69E-08	6.60E-05	1.6E-08	4.9E-08	2.9E-08	2.6E-08	1.2E-08	6.4E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
135	S_29	387663.28	3744330.92	387663.28, 3744330.92	0.0155	0.00902	5.44E-05	7.65E-08	5.45E-05	1.3E-08	4.1E-08	2.4E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
136	S_30	387663.28	3744380.92	387663.28, 3744380.92	0.01589	0.00916	5.57E-05	7.77E-08	5.58E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
137	S_31	387663.28	3744430.92	387663.28, 3744430.92	0.01629	0.0093	5.72E-05	7.89E-08	5.72E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
138	S_32	387663.28	3744480.92	387663.28, 3744480.92	0.01673	0.00945	5.87E-05	8.01E-08	5.88E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
139	S_33	387663.28	3744530.92	387663.28, 3744530.92	0.01717	0.0096	6.02E-05	8.14E-08	6.03E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
140	S_34	387663.28	3744580.92	387663.28, 3744580.92	0.01765	0.00976	6.19E-05	8.28E-08	6.20E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
141	S_35	387663.28	3744630.92	387663.28, 3744630.92	0.0182	0.00995	6.39E-05	8.44E-08	6.39E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
142	S_36	387663.28	3744680.92	387663.28, 3744680.92	0.01873	0.01012	6.57E-05	8.58E-08	6.58E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
143	S_37	387713.28	3744480.92	387713.28, 3744480.92	0.01543	0.00892	5.41E-05	7.56E-08	5.42E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
144	S_38	387713.28	3744530.92	387713.28, 3744530.92	0.01583	0.00907	5.55E-05	7.69E-08	5.56E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
145	S_39	387713.28	3744580.92	387713.28, 3744580.92	0.01625	0.00921	5.70E-05	7.81E-08	5.71E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
146	S_40	387713.28	3744630.92	387713.28, 3744630.92	0.0166	0.00932	5.82E-05	7.90E-08	5.83E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
147	S_41	387713.28	3744680.92	387713.28, 3744680.92	0.01709	0.00949	6.00E-05	8.05E-08	6.00E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
148	S_42	387763.28	3744580.92	387763.28, 3744580.92	0.01753	0.00963	6.15E-05	8.17E-08	6.16E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
149	S_43	387763.28	3744630.92	387763.28, 3744630.92	0.01809	0.00982	6.35E-05	8.33E-08	6.36E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.2E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
150	S_44	387763.28	3744680.92	387763.28, 3744680.92	0.01858	0.00997	6.52E-05	8.45E-08	6.53E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
151	S_45	387813.28	3744680.92	387813.28, 3744680.92	0.0152	0.00877	5.33E-05	7.44E-08	5.34E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
152		387465.01	3744212.81	387465.01, 3744212.81	0.01559	0.0089	5.47E-05	7.55E-08	5.48E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
153		387515.01	3744212.81	387515.01, 3744212.81	0.01601	0.00905	5.62E-05	7.67E-08	5.62E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
154		387565.01	3744212.81	387565.01, 3744212.81	0.0165	0.00921	5.79E-05	7.81E-08	5.80E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
155		387615.01	3744212.81	387615.01, 3744212.81	0.01694	0.00936	5.94E-05	7.94E-08	5.95E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
156		387436.03	3744192.12	387436.03, 3744192.12	0.0174	0.00951	6.10E-05	8.06E-08	6.11E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
157	R_1	386968.99	3743502.23	386968.99, 3743502.23	0.01793	0.00969	6.29E-05	8.22E-08	6.30E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
158	R_2	386968.99	3743552.23	386968.99, 3743552.23	0.01849	0.00987	6.49E-05	8.37E-08	6.50E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
159	R_3	386968.99	3743602.23	386968.99, 3743602.23	0.01509	0.00867	5.29E-05	7.35E-08	5.30E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.1E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
160	R_4	386968.99	3743652.23	386968.99, 3743652.23	0.01546	0.0088	5.42E-05	7.46E-08	5.43E-05	1.3E-08	4.1E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
161	R_5	386968.99	3743702.23	386968.99, 3743702.23	0.0159	0.00895	5.58E-05	7.59E-08	5.59E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
162	R_6	386968.99	3743752.23	386968.99, 3743752.23	0.01633	0.00909	5.73E-05	7.71E-08	5.74E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
163	R_7	386968.99	3743802.23	386968.99, 3743802.23	0.01675	0.00923	5.88E-05	7.83E-08	5.88E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
164	R_8	386968.99	3743852.23	386968.99, 3743852.23	0.01727	0.0094	6.06E-05	7.97E-08	6.07E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
165	R_9	386968.99	3743902.23	386968.99, 3743902.23	0.01777	0.00957	6.23E-05	8.12E-08	6.24E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
166	R_10	386968.99	3743952.23	386968.99, 3743952.23	0.01826	0.00972	6.41E-05	8.24E-08	6.41E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
167	R_11	386968.99	3744002.23	386968.99, 3744002.23	0.01495	0.00856	5.25E-05	7.26E-08	5.25E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
168	R_12	386968.99	3744052.23	386968.99, 3744052.23	0.01533	0.00869	5.38E-05	7.37E-08	5.39E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
169	R_13	386968.99	3744102.23	386968.99, 3744102.23	0.01572	0.00883	5.52E-05	7.49E-08	5.52E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
170	R_14	386968.99	3744152.23	386968.99, 3744152.23	0.01613	0.00897	5.66E-05	7.61E-08	5.67E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
171	R_15	387018.99	3743502.23	387018.99, 3743502.23	0.0166	0.00912	5.82E-05	7.73E-08	5.83E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
172	R_16	387018.99	3743552.23	387018.99, 3743552.23	0.01709	0.00929	6.00E-05	7.88E-08	6.00E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
173	R_17	387018.99	3743602.23	387018.99, 3743602.23	0.01755	0.00943	6.16E-05	8.00E-08	6.17E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
174	R_18	387018.99	3743652.23	387018.99, 3743652.23	0.01808	0.00961	6.34E-05	8.15E-08	6.35E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.2E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
175	R_19	387018.99	3743702.23	387018.99, 3743702.23	0.01478	0.00845	5.19E-05	7.17E-08	5.19E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.3E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
176	R_20	387018.99	3743752.23	387018.99, 3743752.23	0.01515	0.00858	5.32E-05	7.28E-08	5.32E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
177	R_21	387018.99	3743802.23	387018.99, 3743802.23	0.01555	0.00872	5.46E-05	7.39E-08	5.46E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
178	R_22	387018.99	3743852.23	387018.99, 3743852.23	0.01597	0.00887	5.60E-05	7.52E-08	5.61E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
179	R_23	387018.99	3743902.23	387018.99, 3743902.23	0.0164	0.00901	5.75E-05	7.64E-08	5.76E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
180	R_24	387018.99	3743952.23	387018.99, 3743952.23	0.01687	0.00917	5.92E-05	7.78E-08	5.93E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
181	R_25	387018.99	3744002.23	387018.99, 3744002.23	0.01734	0.00932	6.08E-05	7.90E-08	6.09E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
182	R_26	387018.99	3744052.23	387018.99, 3744052.23	0.01786	0.00949	6.27E-05	8.05E-08	6.27E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
183	R_27	387018.99	3744102.23	387018.99, 3744102.23	0.01463	0.00836	5.13E-05	7.09E-08	5.14E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
184	R_28	387018.99	3744152.23	387018.99, 3744152.23	0.01499	0.00849	5.26E-05	7.20E-08	5.27E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
185	R_29	387068.99	3743502.23	387068.99, 3743502.23	0.01537	0.00862	5.39E-05	7.31E-08	5.40E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
186	R_30	387068.99	3743552.23	387068.99, 3743552.23	0.01579	0.00877	5.54E-05	7.44E-08	5.55E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
187	R_31	387068.99	3743602.23	387068.99, 3743602.23	0.01622	0.00892	5.69E-05	7.56E-08	5.70E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
188	R_32	387068.99	3743652.23	387068.99, 3743652.23	0.01667	0.00907	5.85E-05	7.69E-08	5.86E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
189	R_33	387068.99	3743702.23	387068.99, 3743702.23	0.01714	0.00923	6.01E-05	7.83E-08	6.02E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
190	R_34	387068.99	3743752.23	387068.99, 3743752.23	0.01763	0.00939	6.19E-05	7.96E-08	6.19E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
191	R_35	387068.99	3743802.23	387068.99, 3743802.23	0.01447	0.00827	5.08E-05	7.01E-08	5.08E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.9E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
192	R_36	387068.99	3743852.23	387068.99, 3743852.23	0.01482	0.0084	5.20E-05	7.12E-08	5.21E-05	1.3E-08	3.9E-08	2.3E-08	2.0E-08	9.3E-09	5.1E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
193	R_37	387068.99	3743902.23	387068.99, 3743902.23	0.0152	0.00853	5.33E-05	7.23E-08	5.34E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
194	R_38	387068.99	3743952.23	387068.99, 3743952.23	0.0156	0.00868	5.47E-05	7.36E-08	5.48E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
195	R_39	387068.99	3744002.23	387068.99, 3744002.23	0.01601	0.00882	5.62E-05	7.48E-08	5.62E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
196	R_40	387068.99	3744052.23	387068.99, 3744052.23	0.01644	0.00897	5.77E-05	7.61E-08	5.78E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
197	R_41	387068.99	3744102.23	387068.99, 3744102.23	0.0169	0.00912	5.93E-05	7.73E-08	5.94E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
198	R_42	387068.99	3744152.23	387068.99, 3744152.23	0.01738	0.00929	6.10E-05	7.88E-08	6.11E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
199	R_43	387118.99	3743502.23	387118.99, 3743502.23	0.01426	0.00817	5.00E-05	6.93E-08	5.01E-05	1.2E-08	3.7E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
200	R_44	387118.99	3743552.23	387118.99, 3743552.23	0.01461	0.00829	5.13E-05	7.03E-08	5.13E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
201	R_45	387118.99	3743602.23	387118.99, 3743602.23	0.01497	0.00843	5.25E-05	7.15E-08	5.26E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
202	R_46	387118.99	3743652.23	387118.99, 3743652.23	0.01536	0.00857	5.39E-05	7.27E-08	5.40E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
203	R_47	387118.99	3743702.23	387118.99, 3743702.23	0.01577	0.00872	5.53E-05	7.39E-08	5.54E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
204	R_48	387118.99	3743752.23	387118.99, 3743752.23	0.0162	0.00887	5.68E-05	7.52E-08	5.69E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
205	R_49	387118.99	3743802.23	387118.99, 3743802.23	0.01664	0.00902	5.84E-05	7.65E-08	5.85E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
206	R_50	387118.99	3743852.23	387118.99, 3743852.23	0.01711	0.00918	6.00E-05	7.78E-08	6.01E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
207	R_51	387118.99	3743902.23	387118.99, 3743902.23	0.01407	0.00808	4.94E-05	6.85E-08	4.94E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.8E-09	4.8E-10	7.7E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
208	R_52	387118.99	3743952.23	387118.99, 3743952.23	0.0144	0.00821	5.05E-05	6.96E-08	5.06E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
209	R_53	387118.99	3744002.23	387118.99, 3744002.23	0.01476	0.00834	5.18E-05	7.07E-08	5.19E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.3E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
210	R_54	387118.99	3744052.23	387118.99, 3744052.23	0.01514	0.00848	5.31E-05	7.19E-08	5.32E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
211	R_55	387118.99	3744102.23	387118.99, 3744102.23	0.01553	0.00863	5.45E-05	7.32E-08	5.46E-05	1.3E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
212	R_56	387118.99	3744152.23	387118.99, 3744152.23	0.01595	0.00878	5.60E-05	7.45E-08	5.60E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
213	R_57	387168.99	3743502.23	387168.99, 3743502.23	0.01637	0.00893	5.74E-05	7.57E-08	5.75E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
214	R_58	387168.99	3743552.23	387168.99, 3743552.23	0.01684	0.00909	5.91E-05	7.71E-08	5.92E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.7E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
215	R_59	387168.99	3743602.23	387168.99, 3743602.23	0.01386	0.008	4.86E-05	6.78E-08	4.87E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.7E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
216	R_60	387168.99	3743652.23	387168.99, 3743652.23	0.01419	0.00812	4.98E-05	6.89E-08	4.99E-05	1.2E-08	3.7E-08	2.2E-08	2.0E-08	8.9E-09	4.8E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
217	R_61	387168.99	3743702.23	387168.99, 3743702.23	0.01453	0.00826	5.10E-05	7.00E-08	5.10E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	5.0E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
218	R_62	387168.99	3743752.23	387168.99, 3743752.23	0.0149	0.0084	5.23E-05	7.12E-08	5.23E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
219	R_63	387168.99	3743802.23	387168.99, 3743802.23	0.01528	0.00854	5.36E-05	7.24E-08	5.37E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
220	R_64	387168.99	3743852.23	387168.99, 3743852.23	0.01568	0.00869	5.50E-05	7.37E-08	5.51E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.8E-09	5.4E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
221	R_65	387168.99	3743902.23	387168.99, 3743902.23	0.0161	0.00883	5.65E-05	7.49E-08	5.66E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
222	R_66	387168.99	3743952.23	387168.99, 3743952.23	0.01654	0.00899	5.80E-05	7.62E-08	5.81E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
223	R_67	387168.99	3744002.23	387168.99, 3744002.23	0.01364	0.00792	4.79E-05	6.72E-08	4.79E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
224	R_68	387168.99	3744052.23	387168.99, 3744052.23	0.01396	0.00805	4.90E-05	6.83E-08	4.90E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.8E-09	4.8E-10	7.7E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
225	R_69	387168.99	3744102.23	387168.99, 3744102.23	0.01429	0.00818	5.01E-05	6.94E-08	5.02E-05	1.2E-08	3.7E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
226	R_70	387168.99	3744152.23	387168.99, 3744152.23	0.01465	0.00831	5.14E-05	7.05E-08	5.15E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
227	R_71	387218.99	3743502.23	387218.99, 3743502.23	0.01502	0.00846	5.27E-05	7.17E-08	5.28E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
228	R_72	387218.99	3743552.23	387218.99, 3743552.23	0.01541	0.0086	5.41E-05	7.29E-08	5.41E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
229	R_73	387218.99	3743602.23	387218.99, 3743602.23	0.01581	0.00874	5.55E-05	7.41E-08	5.55E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
230	R_74	387218.99	3743652.23	387218.99, 3743652.23	0.01625	0.0089	5.70E-05	7.55E-08	5.71E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
231	R_75	387218.99	3743702.23	387218.99, 3743702.23	0.01342	0.00785	4.71E-05	6.66E-08	4.72E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.4E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
232	R_76	387218.99	3743752.23	387218.99, 3743752.23	0.01373	0.00797	4.82E-05	6.76E-08	4.82E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
233	R_77	387218.99	3743802.23	387218.99, 3743802.23	0.01404	0.0081	4.93E-05	6.87E-08	4.93E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.8E-09	4.8E-10	7.7E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
234	R_78	387218.99	3743852.23	387218.99, 3743852.23	0.01438	0.00823	5.05E-05	6.98E-08	5.05E-05	1.2E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
235	R_79	387218.99	3743902.23	387218.99, 3743902.23	0.01474	0.00837	5.17E-05	7.10E-08	5.18E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.3E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
236	R_80	387218.99	3743952.23	387218.99, 3743952.23	0.01512	0.00852	5.30E-05	7.22E-08	5.31E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
237	R_81	387218.99	3744002.23	387218.99, 3744002.23	0.0155	0.00865	5.44E-05	7.33E-08	5.45E-05	1.3E-08	4.1E-08	2.4E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
238	R_82	387218.99	3744052.23	387218.99, 3744052.23	0.01591	0.0088	5.58E-05	7.46E-08	5.59E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
239	R_83	387218.99	3744102.23	387218.99, 3744102.23	0.01318	0.00778	4.62E-05	6.60E-08	4.63E-05	1.1E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	7.2E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
240	R_84	387218.99	3744152.23	387218.99, 3744152.23	0.01347	0.0079	4.73E-05	6.70E-08	4.73E-05	1.2E-08	3.5E-08	2.0E-08	1.9E-08	8.5E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
241	R_85	387268.99	3743502.23	387268.99, 3743502.23	0.01378	0.00802	4.83E-05	6.80E-08	4.84E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.7E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
242	R_86	387268.99	3743552.23	387268.99, 3743552.23	0.0141	0.00815	4.95E-05	6.91E-08	4.95E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.9E-09	4.8E-10	7.7E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
243	R_87	387268.99	3743602.23	387268.99, 3743602.23	0.01445	0.00829	5.07E-05	7.03E-08	5.08E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.9E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
244	R_88	387268.99	3743652.23	387268.99, 3743652.23	0.0148	0.00842	5.19E-05	7.14E-08	5.20E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.3E-09	5.1E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
245	R_89	387268.99	3743702.23	387268.99, 3743702.23	0.01517	0.00856	5.32E-05	7.26E-08	5.33E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
246	R_90	387268.99	3743752.23	387268.99, 3743752.23	0.01557	0.0087	5.46E-05	7.38E-08	5.47E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
247	R_91	387268.99	3743802.23	387268.99, 3743802.23	0.01292	0.00771	4.53E-05	6.54E-08	4.54E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
248	R_92	387268.99	3743852.23	387268.99, 3743852.23	0.0132	0.00783	4.63E-05	6.64E-08	4.64E-05	1.1E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
249	R_93	387268.99	3743902.23	387268.99, 3743902.23	0.0135	0.00795	4.74E-05	6.74E-08	4.74E-05	1.2E-08	3.5E-08	2.0E-08	1.9E-08	8.5E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
250	R_94	387268.99	3743952.23	387268.99, 3743952.23	0.0138	0.00807	4.84E-05	6.84E-08	4.85E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.7E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
251	R_95	387268.99	3744002.23	387268.99, 3744002.23	0.01414	0.00821	4.96E-05	6.96E-08	4.97E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.9E-09	4.8E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
252	R_96	387268.99	3744052.23	387268.99, 3744052.23	0.01447	0.00833	5.08E-05	7.06E-08	5.08E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.9E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
253	R_97	387268.99	3744102.23	387268.99, 3744102.23	0.01483	0.00846	5.20E-05	7.17E-08	5.21E-05	1.3E-08	3.9E-08	2.3E-08	2.0E-08	9.3E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
254	R_98	387268.99	3744152.23	387268.99, 3744152.23	0.0152	0.0086	5.33E-05	7.29E-08	5.34E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
255	R_99	387318.99	3743552.23	387318.99, 3743552.23	0.01266	0.00764	4.44E-05	6.48E-08	4.45E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	8.0E-09	4.3E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
256	R_100	387318.99	3743602.23	387318.99, 3743602.23	0.01293	0.00776	4.54E-05	6.58E-08	4.54E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
257	R_101	387318.99	3743652.23	387318.99, 3743652.23	0.01321	0.00787	4.63E-05	6.67E-08	4.64E-05	1.1E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
258	R_102	387318.99	3743702.23	387318.99, 3743702.23	0.0135	0.00799	4.74E-05	6.78E-08	4.74E-05	1.2E-08	3.5E-08	2.0E-08	1.9E-08	8.5E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
259	R_103	387318.99	3743752.23	387318.99, 3743752.23	0.01382	0.00812	4.85E-05	6.89E-08	4.86E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.7E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
260	R_104	387318.99	3743802.23	387318.99, 3743802.23	0.01413	0.00824	4.96E-05	6.99E-08	4.96E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.9E-09	4.8E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
261	R_105	387318.99	3743852.23	387318.99, 3743852.23	0.01447	0.00837	5.08E-05	7.10E-08	5.08E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.9E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
262	R_106	387318.99	3743902.23	387318.99, 3743902.23	0.01483	0.0085	5.20E-05	7.21E-08	5.21E-05	1.3E-08	3.9E-08	2.3E-08	2.0E-08	9.3E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
263	R_107	387318.99	3743952.23	387318.99, 3743952.23	0.01239	0.00757	4.35E-05	6.42E-08	4.35E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.8E-09	4.2E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
264	R_108	387318.99	3744002.23	387318.99, 3744002.23	0.01265	0.00769	4.44E-05	6.52E-08	4.44E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.9E-09	4.3E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
265	R_109	387318.99	3744052.23	387318.99, 3744052.23	0.01292	0.0078	4.53E-05	6.61E-08	4.54E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
266	R_110	387318.99	3744102.23	387318.99, 3744102.23	0.01321	0.00792	4.63E-05	6.72E-08	4.64E-05	1.1E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
267	R_111	387318.99	3744152.23	387318.99, 3744152.23	0.01351	0.00804	4.74E-05	6.82E-08	4.75E-05	1.2E-08	3.5E-08	2.1E-08	1.9E-08	8.5E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
268	R_112	387368.99	3743652.23	387368.99, 3743652.23	0.0138	0.00815	4.84E-05	6.91E-08	4.85E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.7E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09

269	R_113	387368.99	3743702.23	387368.99, 3743702.23	0.01411	0.00827	4.95E-05	7.01E-08	4.96E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.9E-09	4.8E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
270	R_114	387368.99	3743752.23	387368.99, 3743752.23	0.01447	0.0084	5.08E-05	7.12E-08	5.08E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.9E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
271	R_115	387368.99	3743802.23	387368.99, 3743802.23	0.01212	0.0075	4.25E-05	6.36E-08	4.26E-05	1.1E-08	3.2E-08	1.8E-08	1.7E-08	7.6E-09	4.1E-10	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
272	R_116	387368.99	3743852.23	387368.99, 3743852.23	0.01237	0.00761	4.34E-05	6.45E-08	4.35E-05	1.1E-08	3.2E-08	1.9E-08	1.7E-08	7.8E-09	4.2E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
273	R_117	387368.99	3743902.23	387368.99, 3743902.23	0.01264	0.00772	4.43E-05	6.55E-08	4.44E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.9E-09	4.3E-10	6.9E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
274	R_118	387368.99	3743952.23	387368.99, 3743952.23	0.0129	0.00783	4.53E-05	6.64E-08	4.53E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
275	R_119	387368.99	3744002.23	387368.99, 3744002.23	0.01319	0.00795	4.63E-05	6.74E-08	4.63E-05	1.1E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	7.2E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
276	W_90	387357.3	3743511.78	387357.3, 3743511.78	0.01348	0.00806	4.73E-05	6.83E-08	4.74E-05	1.2E-08	3.5E-08	2.0E-08	1.9E-08	8.5E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
277	W_91	387407.3	3743561.78	387407.3, 3743561.78	0.01378	0.00818	4.83E-05	6.94E-08	4.84E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.7E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
278	W_92	387407.3	3743611.78	387407.3, 3743611.78	0.01413	0.0083	4.96E-05	7.04E-08	4.96E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.9E-09	4.8E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
279	W_93	387453.88	3743868.51	387453.88, 3743868.51	0.01187	0.00744	4.16E-05	6.31E-08	4.17E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.5E-09	4.1E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
280	W_94	387453.88	3743918.51	387453.88, 3743918.51	0.01211	0.00754	4.25E-05	6.39E-08	4.26E-05	1.1E-08	3.2E-08	1.8E-08	1.7E-08	7.6E-09	4.1E-10	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
281	W_95	387453.88	3743968.51	387453.88, 3743968.51	0.01236	0.00765	4.34E-05	6.49E-08	4.34E-05	1.1E-08	3.2E-08	1.9E-08	1.7E-08	7.8E-09	4.2E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
282	W_96	387453.88	3744018.51	387453.88, 3744018.51	0.01262	0.00775	4.43E-05	6.57E-08	4.43E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.9E-09	4.3E-10	6.9E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
283	W_97	387453.88	3744068.51	387453.88, 3744068.51	0.0129	0.00787	4.53E-05	6.67E-08	4.53E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
284	W_98	387503.88	3743968.51	387503.88, 3743968.51	0.01319	0.00798	4.63E-05	6.77E-08	4.63E-05	1.1E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	7.2E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
285	W_99	387503.88	3744018.51	387503.88, 3744018.51	0.01347	0.00808	4.73E-05	6.85E-08	4.73E-05	1.2E-08	3.5E-08	2.0E-08	1.9E-08	8.5E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
286	W_100	387503.88	3744068.51	387503.88, 3744068.51	0.01381	0.0082	4.85E-05	6.95E-08	4.85E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.7E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
287	W_101	387503.88	3744118.51	387503.88, 3744118.51	0.01164	0.00737	4.08E-05	6.25E-08	4.09E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.3E-09	4.0E-10	6.4E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
288	W_102	387553.88	3744068.51	387553.88, 3744068.51	0.01187	0.00747	4.16E-05	6.33E-08	4.17E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.5E-09	4.1E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
289	W_103	387553.88	3744118.51	387553.88, 3744118.51	0.01212	0.00757	4.25E-05	6.42E-08	4.26E-05	1.1E-08	3.2E-08	1.8E-08	1.7E-08	7.6E-09	4.1E-10	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
290	R_120	387015.27	3744263.55	387015.27, 3744263.55	0.01237	0.00768	4.34E-05	6.51E-08	4.35E-05	1.1E-08	3.2E-08	1.9E-08	1.7E-08	7.8E-09	4.2E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
291	R_121	387015.27	3744313.55	387015.27, 3744313.55	0.01264	0.00778	4.43E-05	6.60E-08	4.44E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.9E-09	4.3E-10	6.9E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
292	R_122	387015.27	3744363.55	387015.27, 3744363.55	0.01292	0.00789	4.53E-05	6.69E-08	4.54E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
293	R_123	387015.27	3744413.55	387015.27, 3744413.55	0.01321	0.00799	4.63E-05	6.78E-08	4.64E-05	1.1E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
294	R_124	387015.27	3744463.55	387015.27, 3744463.55	0.01353	0.0081	4.75E-05	6.87E-08	4.75E-05	1.2E-08	3.5E-08	2.1E-08	1.9E-08	8.5E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
295	R_125	387015.27	3744513.55	387015.27, 3744513.55	0.01143	0.0073	4.01E-05	6.19E-08	4.02E-05	9.9E-09	3.0E-08	1.7E-08	1.6E-08	7.2E-09	3.9E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
296	R_126	387015.27	3744563.55	387015.27, 3744563.55	0.01166	0.0074	4.09E-05	6.27E-08	4.10E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.3E-09	4.0E-10	6.4E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
297	R_127	387015.27	3744613.55	387015.27, 3744613.55	0.0119	0.0075	4.18E-05	6.36E-08	4.18E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.5E-09	4.1E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
298	R_128	387015.27	3744663.55	387015.27, 3744663.55	0.01214	0.0076	4.26E-05	6.44E-08	4.27E-05	1.1E-08	3.2E-08	1.8E-08	1.7E-08	7.6E-09	4.1E-10	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
299	R_129	387015.27	3744713.55	387015.27, 3744713.55	0.01241	0.0077	4.35E-05	6.53E-08	4.36E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.8E-09	4.2E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
300	R_130	387015.27	3744763.55	387015.27, 3744763.55	0.01269	0.0078	4.45E-05	6.61E-08	4.46E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	8.0E-09	4.3E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
301	R_131	387015.27	3744813.55	387015.27, 3744813.55	0.01297	0.0079	4.55E-05	6.70E-08	4.56E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
302	R_132	387015.27	3744863.55	387015.27, 3744863.55	0.01328	0.008	4.66E-05	6.78E-08	4.67E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
303	R_133	387065.27	3744263.55	387065.27, 3744263.55	0.01123	0.00723	3.94E-05	6.13E-08	3.95E-05	9.8E-09	2.9E-08	1.7E-08	1.5E-08	7.1E-09	3.8E-10	6.2E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
304	R_134	387065.27	3744313.55	387065.27, 3744313.55	0.01147	0.00733	4.02E-05	6.22E-08	4.03E-05	1.0E-08	3.0E-08	1.7E-08	1.6E-08	7.2E-09	3.9E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
305	R_135	387065.27	3744363.55	387065.27, 3744363.55	0.01169	0.00742	4.10E-05	6.29E-08	4.11E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.3E-09	4.0E-10	6.4E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
306	R_136	387065.27	3744413.55	387065.27, 3744413.55	0.01195	0.00752	4.19E-05	6.38E-08	4.20E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.5E-09	4.1E-10	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
307	R_137	387065.27	3744463.55	387065.27, 3744463.55	0.0122	0.00761	4.28E-05	6.45E-08	4.29E-05	1.1E-08	3.2E-08	1.9E-08	1.7E-08	7.7E-09	4.2E-10	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
308	R_138	387065.27	3744513.55	387065.27, 3744513.55	0.01247	0.00771	4.38E-05	6.54E-08	4.38E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.8E-09	4.3E-10	6.9E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
309	R_139	387065.27	3744563.55	387065.27, 3744563.55	0.01276	0.00781	4.48E-05	6.62E-08	4.48E-05	1.1E-08	3.3E-08	1.9E-08	1.8E-08	8.0E-09	4.4E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
310	R_140	387065.27	3744613.55	387065.27, 3744613.55	0.01307	0.00791	4.59E-05	6.71E-08	4.59E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.2E-09	4.5E-10	7.2E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
311	R_141	387065.27	3744663.55	387065.27, 3744663.55	0.01106	0.00716	3.88E-05	6.07E-08	3.89E-05	9.6E-09	2.9E-08	1.7E-08	1.5E-08	6.9E-09	3.8E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
312	R_142	387065.27	3744713.55	387065.27, 3744713.55	0.01129	0.00725	3.96E-05	6.15E-08	3.97E-05	9.8E-09	3.0E-08	1.7E-08	1.6E-08	7.1E-09	3.9E-10	6.2E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
313	R_143	387065.27	3744763.55	387065.27, 3744763.55	0.01152	0.00734	4.04E-05	6.22E-08	4.05E-05	1.0E-08	3.0E-08	1.7E-08	1.6E-08	7.2E-09	3.9E-10	6.3E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
314	R_144	387065.27	3744813.55	387065.27, 3744813.55	0.01176	0.00743	4.13E-05	6.30E-08	4.13E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.4E-09	4.0E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
315	R_145	387065.27	3744863.55	387065.27, 3744863.55	0.01202	0.00753	4.22E-05	6.39E-08	4.22E-05	1.0E-08	3.2E-08	1.8E-08	1.7E-08	7.6E-09	4.1E-10	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
316	R_146	387115.27	3744263.55	387115.27, 3744263.55	0.01228	0.00762	4.31E-05	6.46E-08	4.31E-05	1.1E-08	3.2E-08	1.9E-08	1.7E-08	7.7E-09	4.2E-10	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
317	R_147	387115.27	3744313.55	387115.27, 3744313.55	0.01257	0.00771	4.41E-05	6.54E-08	4.42E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.9E-09	4.3E-10	6.9E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
318	R_148	387115.27	3744363.55	387115.27, 3744363.55	0.01287	0.00781	4.52E-05	6.62E-08	4.52E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	7.1E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
319	R_149	387115.27	3744413.55	387115.27, 3744413.55	0.01091	0.00709	3.83E-05	6.01E-08	3.83E-05	9.5E-09	2.9E-08	1.7E-08	1.5E-08	6.9E-09	3.7E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
320	R_150	387115.27	3744463.55	387115.27, 3744463.55	0.01112	0.00718	3.90E-05	6.09E-08	3.91E-05	9.7E-09	2.9E-08	1.7E-08	1.5E-08	7.0E-09	3.8E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
321	R_151	387115.27	3744513.55	387115.27, 3744513.55	0.01135	0.00726	3.98E-05	6.16E-08	3.99E-05	9.9E-09	3.0E-08	1.7E-08	1.6E-08	7.1E-09	3.9E-10	6.2E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
322	R_152	387115.27	3744563.55	387115.27, 3744563.55	0.01159	0.00735	4.07E-05	6.23E-08	4.07E-05	1.0E-08	3.0E-08	1.8E-08	1.6E-08	7.3E-09	4.0E-10	6.4E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
323	R_153	387115.27	3744613.55	387115.27, 3744613.55	0.01185	0.00744	4.16E-05	6.31E-08	4.16E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.4E-09	4.0E-10	6.5E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
324	R_154	387115.27	3744663.55	387115.27, 3744663.55	0.0121	0.00752	4.25E-05	6.38E-08	4.25E-05	1.1E-08	3.2E-08	1.8E-08	1.7E-08	7.6E-09	4.1E-10	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
325	R_155	387115.27	3744713.55	387115.27, 3744713.55	0.01239	0.00762	4.35E-05	6.46E-08	4.35E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.8E-09	4.2E-10	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
326	R_156	387115.27	3744763.55	387115.27, 3744763.55	0.01267	0.00771	4.45E-05	6.54E-08	4.45E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	8.0E-09	4.3E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
327	R_157	387115.27	3744813.55	387115.27, 3744813.55	0.01558	0.00849	5.47E-05	7.20E-08	5.47E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
328	R_158	387115.27	3744863.55	387115.27, 3744863.55	0.01603	0.00861	5.62E-05	7.30E-08	5.63E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
329	R_159	387165.27	3744263.55	387165.27, 3744263.55	0.01649	0.00873	5.79E-05	7.40E-08	5.79E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
330	R_160	387165.27	3744313.55	387165.27, 3744313.55	0.01697	0.00885	5.95E-05	7.50E-08	5.96E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
331	R_161	387165.27	3744363.55	387165.27, 3744363.55	0.01748	0.00898	6.13E-05	7.61E-08	6.14E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
332	R_162	387165.27	3744413.55	387165.27, 3744413.55	0.01802	0.00911	6.32E-05	7.72E-08	6.33E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
333	R_163	387165.27	3744463.55	387165.27, 3744463.55	0.01859	0.00925	6.52E-05	7.84E-08	6.53E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
334	R_164	387165.27	3744513.55	387165.27, 3744513.55	0.01921	0.00941	6.74E-05	7.98E-08	6.75E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.6E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
335	R_165	387165.27	3744563.55	387165.27, 3744563.55	0.01979	0.00955	6.94E-05	8.10E-08	6.95E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.8E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
336	R_166	387165.27	3744613.55	387165.27, 3744613.55	0.02053	0.00973	7.20E-05	8.25E-08	7.21E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
337	R_167	387165.27	3744663.55	387165.27, 3744663.55	0.02121	0.0099	7.44E-05	8.39E-08	7.45E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
338	R_168	387165.27	3744713.55	387165.27, 3744713.55	0.02201	0.01009	7.72E-05	8.56E-08	7.73E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
339	R_169	387165.27	3744763.55	387165.27, 3744763.55	0.02286	0.01029	8.02E-05	8.73E-08	8.03E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
340	R_170	387165.27	3744813.55	387165.27, 3744813.55	0.02377	0.0105	8.34E-05	8.90E-08	8.35E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
341	R_171	387165.27	3744863.55	387165.27, 3744863.55	0.02476	0.01072	8.69E-05	9.09E-08	8.70E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.4E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
342	R_172	387215.27	3744263.55	387215.27, 3744263.55	0.02584	0.01095	9.07E-05	9.29E-08	9.08E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
343	R_173	387215.27	3744313.55	387215.27, 3744313.55	0.02704	0.01119	9.49E-05	9.49E-08	9.50E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
344	R_174	387215.27	3744363.55	387215.27, 3744363.55	0.02838	0.01145	9.96E-05	9.71E-08	9.97E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
345	R_175	387215.27	3744413.55	387215.27, 3744413.55	0.04309	0.014	1.51E-04	1.19E-07	1.51E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
346	R_176	387215.27	3744463.55	387215.27, 3744463.55	0.04508	0.01433	1.58E-04	1.22E-07	1.58E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
347	R_177	387215.27	3744513.55	387215.27, 3744513.55	0.04749	0.01468	1.67E-04	1.24E-07	1.67E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
348	R_178	387215.27	3744563.55	387215.27, 3744563.55	0.0502	0.01505	1.76E-04	1.28E-07	1.76E-04	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.2E-08	1.7E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
349	R_179	387215.27	3744613.55	387215.27, 3744613.55	0.05315	0.01542	1.86E-04	1.31E-07	1.87E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
350	R_180	387215.27	3744663.55	387215.27, 3744663.55	0.05628	0.01579	1.97E-04	1.34E-07	1.98E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
351	R_181	387215.27	3744713.55	387215.27, 3744713.55	0.05934	0.01614	2.08E-04	1.37E-07	2.08E-04	5.2E-08	1.6E-07	9.0E-08	8.2E-08	3.7E-08	2.0E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
352	R_182	387215.27	3744763.55	387215.27, 3744763.55	0.06209	0.01646	2.18E-04	1.40E-07	2.18E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
353	R_183	387215.27	3744813.55	387215.27, 3744813.55	0.0647	0.01678	2.27E-04	1.42E-07	2.27E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	2.2E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
354	R_184	387215.27	3744863.55	387215.27, 3744863.55	0.06709	0.01711	2.35E-04	1.45E-07	2.36E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
355	R_185	387265.27	3744263.55	387265.27, 3744263.55	0.06933	0.01747	2.43E-04	1.48E-07	2.43E-04	6.0E-08	1.8E-07	1.1E-07	9.5E-08	4.4E-08	2.4E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
356	R_186	387265.27	3744313.55	387265.27, 3744313.55	0.07158	0.0179	2.51E-04	1.52E-07	2.51E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.4E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
357	R_187	387265.27	3744363.55	387265.27, 3744363.55	0.07422	0.01846	2.60E-04	1.57E-07	2.61E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.7E-08	2.5E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
358	R_188	387265.27	3744413.55	387265.27, 3744413.55	0.07601	0.01898	2.67E-04	1.61E-07	2.67E-04	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.6E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
359	R_189	387265.27	3744463.55	387265.27, 3744463.55	0.01528	0.00836	5.36E-05	7.09E-08	5.37E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
360	R_190	387265.27	3744513.55	387265.27, 3744513.55	0.01571	0.00848	5.51E-05	7.19E-08	5.52E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
361	R_191	387265.27	3744563.55	387265.27, 3744563.55	0.01618	0.0086	5.68E-05	7.29E-08	5.68E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
362	R_192	387265.27	3744613.55	387265.27, 3744613.55	0.01664	0.00872	5.84E-05	7.39E-08	5.85E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
363	R_193	387265.27	3744663.55	387265.27, 3744663.55	0.01712	0.00885	6.01E-05	7.50E-08	6.01E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
364	R_194	387265.27	3744713.55	387265.27, 3744713.55	0.01762	0.00898	6.18E-05	7.61E-08	6.19E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
365	R_195	387265.27	3744763.55	387265.27, 3744763.55	0.01815	0.00912	6.37E-05	7.73E-08	6.38E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
366	R_196	387265.27	3744813.55	387265.27, 3744813.55	0.01871	0.00926	6.56E-05	7.85E-08	6.57E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
367	R_197	387265.27	3744863.55	387265.27, 3744863.55	0.01927	0.00941	6.76E-05	7.98E-08	6.77E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
368	R_198	387315.27	3744263.55	387315.27, 3744263.55	0.01987	0.00957	6.97E-05	8.12E-08	6.98E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.8E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
369	R_199	387315.27	3744313.55	387315.27, 3744313.55	0.0206	0.00975	7.23E-05	8.27E-08	7.24E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
370	R_200	387315.27	3744363.55	387315.27, 3744363.55	0.02133	0.00993	7.48E-05	8.42E-08	7.49E-05	1.9E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.3E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
371	R_201	387315.27	3744413.55	387315.27, 3744413.55	0.02211	0.01013	7.76E-05	8.59E-08	7.77E-05	1.9E-08	5.8E-08	3.4E-08	3.0E-08	1.4E-08	7.5E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
372	R_202	387315.27	3744463.55	387315.27, 3744463.55	0.02297	0.01033	8.06E-05	8.76E-08	8.07E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
373	R_203	387315.27	3744513.55	387315.27, 3744513.55	0.02391	0.01055	8.39E-05	8.95E-08	8.40E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
374	R_204	387315.27	3744563.55	387315.27, 3744563.55	0.02492	0.01077	8.74E-05	9.13E-08	8.75E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
375	R_205	387315.27	3744613.55	387315.27, 3744613.55	0.02602	0.011	9.13E-05	9.33E-08	9.14E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.9E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
376	R_206	387315.27	3744663.55	387315.27, 3744663.55	0.02712	0.01122	9.51E-05	9.51E-08	9.52E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.3E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
377	R_207	387315.27	3744713.55	387315.27, 3744713.55	0.03987	0.01363	1.40E-04	1.16E-07	1.40E-04	3.5E-08	1.0E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
378	R_208	387315.27	3744763.55	387315.27, 3744763.55	0.04168	0.01394	1.46E-04	1.18E-07	1.46E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
379	R_209	387315.27	3744813.55	387315.27, 3744813.55	0.04374	0.01427	1.53E-04	1.21E-07	1.54E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
380	R_210	387315.27	3744863.55	387315.27, 3744863.55	0.04604	0.0146	1.62E-04	1.24E-07	1.62E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
381	R_211	387365.27	3744263.55	387365.27, 3744263.55	0.04859	0.01493	1.70E-04	1.27E-07	1.71E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.0E-08	1.7E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
382	R_212	387365.27	3744313.55	387365.27, 3744313.55	0.0512	0.01524	1.80E-04	1.29E-07	1.80E-04	4.4E-08	1.3E-07	7.8E-08	7.0E-08	3.2E-08	1.7E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
383	R_213	387365.27	3744363.55	387365.27, 3744363.55	0.0537	0.01553	1.88E-04	1.32E-07	1.89E-04	4.7E-08	1.4E-07	8.1E-08	7.4E-08	3.4E-08	1.8E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
384	R_214	387365.27	3744413.55	387365.27, 3744413.55	0.05574	0.01576	1.96E-04	1.34E-07	1.96E-04	4.8E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
385	R_215	387365.27	3744463.55	387365.27, 3744463.55	0.05833	0.01609	2.05E-04	1.36E-07	2.05E-04	5.1E-08	1.5E-07	8.9E-08	8.0E-08	3.7E-08	2.0E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
386	R_216	387365.27	3744513.55	387365.27, 3744513.55	0.06034	0.0164	2.12E-04	1.39E-07	2.12E-04	5.2E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	2.1E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
387	R_217	387365.27	3744563.55	387365.27, 3744563.55	0.0622	0.01673	2.18E-04	1.42E-07	2.18E-04	5.4E-08	1.6E-07	9.4E-08	8.6E-08	3.9E-08	2.1E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
388	R_218	387365.27	3744613.55	387365.27, 3744613.55	0.06399	0.01711	2.25E-04	1.45E-07	2.25E-04	5.6E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	2.2E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
389	R_219	387365.27	3744663.55	387365.27, 3744663.55	0.06584	0.01757	2.31E-04	1.49E-07	2.31E-04	5.7E-08	1.7E-07	1.0E-07	9.1E-08	4.1E-08	2.2E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
390	R_220	387365.27	3744713.55	387365.27, 3744713.55	0.06725	0.01803	2.36E-04	1.53E-07	2.36E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
391	R_221	387365.27	3744763.55	387365.27, 3744763.55	0.01497	0.00824	5.25E-05	6.99E-08	5.26E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
392	R_222	387365.27	3744813.55	387365.27, 3744813.55	0.01532	0.00834	5.37E-05	7.07E-08	5.38E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
393	R_223	387365.27	3744863.55	387365.27, 3744863.55	0.01573	0.00845	5.52E-05	7.17E-08	5.53E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
394	R_224	387415.27	3744313.55	387415.27, 3744313.55	0.01616	0.00856	5.67E-05	7.26E-08	5.68E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
395	R_225	387415.27	3744363.55	387415.27, 3744363.55	0.01665	0.0087	5.84E-05	7.38E-08	5.85E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
396	R_226	387415.27	3744413.55	387415.27, 3744413.55	0.01712	0.00883	6.01E-05	7.49E-08	6.01E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
397	R_227	387415.27	3744463.55	387415.27, 3744463.55	0.01761	0.00896	6.18E-05	7.60E-08	6.19E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
398	R_228	387415.27	3744513.55	387415.27, 3744513.55	0.01804	0.00909	6.33E-05	7.71E-08	6.34E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.2E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
399	R_229	387415.27	3744563.55	387415.27, 3744563.55	0.01857	0.00923	6.52E-05	7.83E-08	6.52E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
400	R_230	387415.27	3744613.55	387415.27, 3744613.55	0.01922	0.0094	6.74E-05	7.97E-08	6.75E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.6E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
401	R_231	387415.27	3744663.55	387415.27, 3744663.55	0.01984	0.00957	6.96E-05	8.12E-08	6.97E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.8E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
402	R_232	387415.27	3744713.55	387415.27, 3744713.55	0.02036	0.00972	7.14E-05	8.24E-08	7.15E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
403	R_233	387415.27	3744763.55	387415.27, 3744763.55	0.02108	0.0099	7.40E-05	8.39E-08	7.40E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
404	R_234	387415.27	3744813.55	387415.27, 3744813.55	0.02185	0.0101	7.67E-05	8.56E-08	7.67E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
405	R_235	387415.27	3744863.55	387415.27, 3744863.55	0.02272	0.0103	7.97E-05	8.73E-08	7.98E-05	2.0E-08	6.0E-08	3.4E-08	3.1E-08	1.4E-08	7.8E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
406	R_236	387465.27	3744513.55	387465.27, 3744513.55	0.02367	0.01052	8.30E-05	8.92E-08	8.31E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
407	R_237	387465.27	3744563.55	387465.27, 3744563.55	0.0247	0.01074	8.67E-05	9.11E-08	8.68E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.6E-08	8.4E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08

408	R_238	387465.27	3744613.55	387465.27, 3744613.55	0.02593	0.01098	9.10E-05	9.31E-08	9.11E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
409	R_239	387465.27	3744663.55	387465.27, 3744663.55	0.03665	0.01321	1.29E-04	1.12E-07	1.29E-04	3.2E-08	9.6E-08	5.6E-08	5.0E-08	2.3E-08	1.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
410	R_240	387465.27	3744713.55	387465.27, 3744713.55	0.03813	0.0135	1.34E-04	1.14E-07	1.34E-04	3.3E-08	1.0E-07	5.8E-08	5.2E-08	2.4E-08	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
411	R_241	387465.27	3744763.55	387465.27, 3744763.55	0.03981	0.01378	1.40E-04	1.17E-07	1.40E-04	3.5E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
412	R_242	387465.27	3744813.55	387465.27, 3744813.55	0.04196	0.0141	1.47E-04	1.20E-07	1.47E-04	3.6E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.4E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
413	R_243	387465.27	3744863.55	387465.27, 3744863.55	0.044	0.01437	1.54E-04	1.22E-07	1.54E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
414	R_244	387515.27	3744663.55	387515.27, 3744663.55	0.04612	0.01462	1.62E-04	1.24E-07	1.62E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
415	R_245	387515.27	3744713.55	387515.27, 3744713.55	0.04832	0.01487	1.70E-04	1.26E-07	1.70E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
416	R_246	387515.27	3744763.55	387515.27, 3744763.55	0.05034	0.01511	1.77E-04	1.28E-07	1.77E-04	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.2E-08	1.7E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
417	R_247	387515.27	3744813.55	387515.27, 3744813.55	0.05248	0.01539	1.84E-04	1.31E-07	1.84E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
418	R_248	387515.27	3744863.55	387515.27, 3744863.55	0.05378	0.0156	1.89E-04	1.32E-07	1.89E-04	4.7E-08	1.4E-07	8.2E-08	7.4E-08	3.4E-08	1.8E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
419	R_249	387565.27	3744813.55	387565.27, 3744813.55	0.05537	0.0159	1.94E-04	1.35E-07	1.94E-04	4.8E-08	1.5E-07	8.4E-08	7.6E-08	3.5E-08	1.9E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
420	R_250	387565.27	3744863.55	387565.27, 3744863.55	0.05693	0.01626	2.00E-04	1.38E-07	2.00E-04	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.6E-08	1.9E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
421	R_251	387524.44	3742913.36	387524.44, 3742913.36	0.05879	0.01674	2.06E-04	1.42E-07	2.06E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
422	R_252	387574.44	3742963.36	387574.44, 3742963.36	0.0601	0.01719	2.11E-04	1.46E-07	2.11E-04	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	2.0E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
423	R_253	387574.44	3743013.36	387574.44, 3743013.36	0.01466	0.00811	5.14E-05	6.88E-08	5.15E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
424	R_254	387624.44	3742963.36	387624.44, 3742963.36	0.01505	0.00823	5.28E-05	6.98E-08	5.29E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.5E-09	5.1E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
425	R_255	387624.44	3743013.36	387624.44, 3743013.36	0.01544	0.00834	5.42E-05	7.07E-08	5.42E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
426	R_256	387624.44	3743063.36	387624.44, 3743063.36	0.01584	0.00845	5.56E-05	7.17E-08	5.56E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
427	R_257	387674.44	3742963.36	387674.44, 3742963.36	0.01625	0.00857	5.70E-05	7.27E-08	5.71E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
428	R_258	387674.44	3743013.36	387674.44, 3743013.36	0.01665	0.00869	5.84E-05	7.37E-08	5.85E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
429	R_259	387674.44	3743063.36	387674.44, 3743063.36	0.01714	0.00883	6.01E-05	7.49E-08	6.02E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
430	R_260	387674.44	3743113.36	387674.44, 3743113.36	0.01758	0.00896	6.17E-05	7.60E-08	6.18E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
431	R_261	387724.44	3742963.36	387724.44, 3742963.36	0.01807	0.0091	6.34E-05	7.72E-08	6.35E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.2E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
432	R_262	387724.44	3743013.36	387724.44, 3743013.36	0.01858	0.00925	6.52E-05	7.84E-08	6.53E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
433	R_263	387724.44	3743063.36	387724.44, 3743063.36	0.01916	0.00941	6.72E-05	7.98E-08	6.73E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
434	R_264	387724.44	3743113.36	387724.44, 3743113.36	0.01973	0.00957	6.92E-05	8.12E-08	6.93E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
435	R_265	387774.44	3742963.36	387774.44, 3742963.36	0.02041	0.00975	7.16E-05	8.27E-08	7.17E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
436	R_266	387774.44	3743013.36	387774.44, 3743013.36	0.02113	0.00994	7.41E-05	8.43E-08	7.42E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
437	R_267	387774.44	3743063.36	387774.44, 3743063.36	0.02196	0.01014	7.70E-05	8.60E-08	7.71E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
438	R_268	387774.44	3743113.36	387774.44, 3743113.36	0.02285	0.01034	8.02E-05	8.77E-08	8.03E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
439	R_269	387774.44	3743163.36	387774.44, 3743163.36	0.02382	0.01055	8.36E-05	8.95E-08	8.37E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
440	R_270	387824.44	3742963.36	387824.44, 3742963.36	0.02478	0.01075	8.69E-05	9.12E-08	8.70E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
441	R_271	387824.44	3743013.36	387824.44, 3743013.36	0.03426	0.01289	1.20E-04	1.09E-07	1.20E-04	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
442	R_272	387824.44	3743063.36	387824.44, 3743063.36	0.03553	0.01314	1.25E-04	1.11E-07	1.25E-04	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
443	R_273	387824.44	3743113.36	387824.44, 3743113.36	0.03696	0.0134	1.30E-04	1.14E-07	1.30E-04	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
444	R_274	387824.44	3743163.36	387824.44, 3743163.36	0.03867	0.01366	1.36E-04	1.16E-07	1.36E-04	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
445	R_275	387824.44	3743213.36	387824.44, 3743213.36	0.0406	0.01391	1.42E-04	1.18E-07	1.43E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.5E-08	1.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
446	R_276	387874.44	3742963.36	387874.44, 3742963.36	0.04242	0.01413	1.49E-04	1.20E-07	1.49E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
447	R_277	387874.44	3743013.36	387874.44, 3743013.36	0.0443	0.01434	1.55E-04	1.22E-07	1.56E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
448	R_278	387874.44	3743063.36	387874.44, 3743063.36	0.04594	0.01453	1.61E-04	1.23E-07	1.61E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
449	R_279	387874.44	3743113.36	387874.44, 3743113.36	0.04765	0.01476	1.67E-04	1.25E-07	1.67E-04	4.1E-08	1.2E-07	7.2E-08	6.6E-08	3.0E-08	1.6E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
450	R_280	387874.44	3743163.36	387874.44, 3743163.36	0.0492	0.01502	1.73E-04	1.27E-07	1.73E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
451	R_281	387874.44	3743213.36	387874.44, 3743213.36	0.05046	0.01529	1.77E-04	1.30E-07	1.77E-04	4.4E-08	1.3E-07	7.7E-08	6.9E-08	3.2E-08	1.7E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
452	R_282	387874.44	3743263.36	387874.44, 3743263.36	0.05179	0.01563	1.82E-04	1.33E-07	1.82E-04	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.8E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
453	R_283	387924.44	3742963.36	387924.44, 3742963.36	0.05312	0.01603	1.86E-04	1.36E-07	1.87E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
454	R_284	387924.44	3743013.36	387924.44, 3743013.36	0.05415	0.01643	1.90E-04	1.39E-07	1.90E-04	4.7E-08	1.4E-07	8.2E-08	7.4E-08	3.4E-08	1.8E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
455	R_285	387924.44	3743063.36	387924.44, 3743063.36	0.01436	0.00799	5.04E-05	6.78E-08	5.04E-05	1.2E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
456	R_286	387924.44	3743113.36	387924.44, 3743113.36	0.01469	0.0081	5.15E-05	6.87E-08	5.16E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
457	R_287	387924.44	3743163.36	387924.44, 3743163.36	0.01506	0.00821	5.28E-05	6.96E-08	5.29E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.5E-09	5.1E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
458	R_288	387924.44	3743213.36	387924.44, 3743213.36	0.01543	0.00832	5.41E-05	7.06E-08	5.42E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
459	R_289	387924.44	3743263.36	387924.44, 3743263.36	0.01584	0.00844	5.56E-05	7.16E-08	5.56E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
460	R_290	387924.44	3743313.36	387924.44, 3743313.36	0.0162	0.00855	5.68E-05	7.25E-08	5.69E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
461	R_291	387974.44	3742963.36	387974.44, 3742963.36	0.01662	0.00868	5.83E-05	7.36E-08	5.84E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
462	R_292	387974.44	3743013.36	387974.44, 3743013.36	0.017	0.0088	5.96E-05	7.46E-08	5.97E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
463	R_293	387974.44	3743063.36	387974.44, 3743063.36	0.01744	0.00894	6.12E-05	7.58E-08	6.13E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	6.0E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
464	R_294	387974.44	3743113.36	387974.44, 3743113.36	0.01797	0.00909	6.30E-05	7.71E-08	6.31E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
465	R_295	387974.44	3743163.36	387974.44, 3743163.36	0.01851	0.00925	6.49E-05	7.84E-08	6.50E-05	1.6E-08	4.9E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
466	R_296	387974.44	3743213.36	387974.44, 3743213.36	0.01903	0.0094	6.68E-05	7.97E-08	6.68E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
467	R_297	387974.44	3743263.36	387974.44, 3743263.36	0.01965	0.00957	6.89E-05	8.12E-08	6.90E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
468	R_298	387974.44	3743313.36	387974.44, 3743313.36	0.02035	0.00975	7.14E-05	8.27E-08	7.15E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
469	R_299	387974.44	3743363.36	387974.44, 3743363.36	0.02112	0.00994	7.41E-05	8.43E-08	7.42E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
470	R_300	388024.44	3742963.36	388024.44, 3742963.36	0.02195	0.01014	7.70E-05	8.60E-08	7.71E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
471	R_301	388024.44	3743013.36	388024.44, 3743013.36	0.02284	0.01033	8.01E-05	8.76E-08	8.02E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
472	R_302	388024.44	3743063.36	388024.44, 3743063.36	0.02377	0.01054	8.34E-05	8.94E-08	8.35E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
473	R_303	388024.44	3743113.36	388024.44, 3743113.36	0.03196	0.01255	1.12E-04	1.06E-07	1.12E-04	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
474	R_304	388024.44	3743163.36	388024.44, 3743163.36	0.03295	0.01276	1.16E-04	1.08E-07	1.16E-04	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
475	R_305	388024.44	3743213.36	388024.44, 3743213.36	0.03431	0.013	1.20E-04	1.10E-07	1.20E-04	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
476	R_306	388024.44	3743263.36	388024.44, 3743263.36	0.03598	0.01326	1.26E-04	1.12E-07	1.26E-04	3.1E-08	9.4E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
477	R_307	388024.44	3743313.36	388024.44, 3743313.36	0.03765	0.01348	1.32E-04	1.14E-07	1.32E-04	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
478	R_308	388024.44	3743363.36	388024.44, 3743363.36	0.03931	0.01367	1.38E-04	1.16E-07	1.38E-04	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
479	R_309	388024.44	3743413.36	388024.44, 3743413.36	0.04087	0.01385	1.43E-04	1.17E-07	1.44E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
480	R_310	388074.44	3742963.36	388074.44, 3742963.36	0.04233	0.01402	1.49E-04	1.19E-07	1.49E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
481	R_311	388074.44	3743013.36	388074.44, 3743013.36	0.04364	0.0142	1.53E-04	1.20E-07	1.53E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
482	R_312	388074.44	3743063.36	388074.44, 3743063.36	0.045	0.01445	1.58E-04	1.23E-07	1.58E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
483	R_313	388074.44	3743113.36	388074.44, 3743113.36	0.04606	0.0147	1.62E-04	1.25E-07	1.62E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
484	R_314	388074.44	3743163.36	388074.44, 3743163.36	0.04729	0.01503	1.66E-04	1.27E-07	1.66E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
485	R_315	388074.44	3743213.36	388074.44, 3743213.36	0.04833	0.01538	1.70E-04	1.30E-07	1.70E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
486	R_316	388074.44	3743263.36	388074.44, 3743263.36	0.04917	0.01575	1.73E-04	1.34E-07	1.73E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
487	R_317	388074.44	3743313.36	388074.44, 3743313.36	0.01405	0.00788	4.93E-05	6.68E-08	4.94E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.8E-09	4.8E-10	7.7E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
488	R_318	388074.44	3743363.36	388074.44, 3743363.36	0.01439	0.00799	5.05E-05	6.78E-08	5.06E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
489	R_319	388074.44	3743413.36	388074.44, 3743413.36	0.01472	0.00809	5.16E-05	6.86E-08	5.17E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
490	R_320	388074.44	3743463.36	388074.44, 3743463.36	0.01507	0.0082	5.29E-05	6.95E-08	5.29E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.1E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
491	R_321	388124.44	3742963.36	388124.44, 3742963.36	0.01543	0.00831	5.41E-05	7.05E-08	5.42E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
492	R_322	388124.44	3743013.36	388124.44, 3743013.36	0.01575	0.00842	5.53E-05	7.14E-08	5.53E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
493	R_323	388124.44	3743063.36	388124.44, 3743063.36	0.01613	0.00854	5.66E-05	7.24E-08	5.67E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
494	R_324	388124.44	3743113.36	388124.44, 3743113.36	0.01651	0.00867	5.79E-05	7.35E-08	5.80E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.1E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
495	R_325	388124.44	3743163.36	388124.44, 3743163.36	0.01692	0.0088	5.94E-05	7.46E-08	5.94E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	9.3E-09	0.0E+00	0.0E+00	0.0E+00	9.9E-09
496	R_326	388124.44	3743213.36	388124.44, 3743213.36	0.01738	0.00894	6.10E-05	7.58E-08	6.11E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
497	R_327	388124.44	3743263.36	388124.44, 3743263.36	0.01787	0.00909	6.27E-05	7.71E-08	6.28E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
498	R_328	388124.44	3743313.36	388124.44, 3743313.36	0.01841	0.00925	6.46E-05	7.84E-08	6.47E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
499	R_329	388124.44	3743363.36	388124.44, 3743363.36	0.01903	0.00942	6.68E-05	7.99E-08	6.68E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
500	R_330	388124.44	3743413.36	388124.44, 3743413.36	0.01968	0.00959	6.90E-05	8.13E-08	6.91E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
501	R_331	388174.44	3742963.36	388174.44, 3742963.36	0.02042	0.00977	7.16E-05	8.28E-08	7.17E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
502	R_332	388174.44	3743013.36	388174.44, 3743013.36	0.0212	0.00996	7.44E-05	8.45E-08	7.45E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
503	R_333	388174.44	3743063.36	388174.44, 3743063.36	0.02202	0.01015	7.73E-05	8.61E-08	7.73E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
504	R_334	388174.44	3743113.36	388174.44, 3743113.36	0.02279	0.01032	8.00E-05	8.75E-08	8.00E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
505	R_335	388174.44	3743163.36	388174.44, 3743163.36	0.02446	0.01073	8.58E-05	9.10E-08	8.59E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.3E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
506	R_336	388174.44	3743213.36	388174.44, 3743213.36	0.02522	0.01093	8.85E-05	9.27E-08	8.86E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
507	R_337	388174.44	3743263.36	388174.44, 3743263.36	0.02592	0.01113	9.09E-05	9.44E-08	9.10E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
508	R_338	388174.44	3743313.36	388174.44, 3743313.36	0.02666	0.01135	9.35E-05	9.62E-08	9.36E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
509	R_339	388174.44	3743363.36	388174.44, 3743363.36	0.02741	0.01156	9.62E-05	9.80E-08	9.63E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
510	R_340	388174.44	3743413.36	388174.44, 3743413.36	0.02812	0.01177	9.87E-05	9.98E-08	9.88E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
511	R_341	388224.44	3742963.36	388224.44, 3742963.36	0.02913	0.01202	1.02E-04	1.02E-07	1.02E-04	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
512	R_342	388224.44	3743013.36	388224.44, 3743013.36	0.02996	0.01223	1.05E-04	1.04E-07	1.05E-04	2.6E-08	7.9E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
513	R_343	388224.44	3743063.36	388224.44, 3743063.36	0.03086	0.01242	1.08E-04	1.05E-07	1.08E-04	2.7E-08	8.1E-08	4.7E-08	4.2E-08	1.9E-08	1.1E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
514	R_344	388224.44	3743113.36	388224.44, 3743113.36	0.03215	0.01266	1.13E-04	1.07E-07	1.13E-04	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
515	R_345	388224.44	3743163.36	388224.44, 3743163.36	0.03359	0.01287	1.18E-04	1.09E-07	1.18E-04	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
516	R_346	388224.44	3743213.36	388224.44, 3743213.36	0.03496	0.01305	1.23E-04	1.11E-07	1.23E-04	3.0E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
517	R_347	388224.44	3743263.36	388224.44, 3743263.36	0.03627	0.01319	1.27E-04	1.12E-07	1.27E-04	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
518	R_348	388224.44	3743313.36	388224.44, 3743313.36	0.03762	0.01334	1.32E-04	1.13E-07	1.32E-04	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
519	R_349	388224.44	3743363.36	388224.44, 3743363.36	0.039	0.01351	1.37E-04	1.15E-07	1.37E-04	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.4E-08	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
520	R_350	388274.44	3742963.36	388274.44, 3742963.36	0.04007	0.01367	1.41E-04	1.16E-07	1.41E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
521	R_351	388274.44	3743013.36	388274.44, 3743013.36	0.04142	0.01392	1.45E-04	1.18E-07	1.45E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
522	W_104	387475.71	3743311.02	387475.71, 3743311.02	0.04239	0.01417	1.49E-04	1.20E-07	1.49E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
523	W_105	387490.71	3743311.02	387490.71, 3743311.02	0.04334	0.01446	1.52E-04	1.23E-07	1.52E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
524	R_352	387451.13	3743316.16	387451.13, 3743316.16	0.04429	0.0148	1.55E-04	1.25E-07	1.56E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
525	W_106	387379.86	3743317.08	387379.86, 3743317.08	0.045	0.01514	1.58E-04	1.28E-07	1.58E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
526	W_107	387399.86	3743317.08	387399.86, 3743317.08	0.01375	0.00777	4.82E-05	6.59E-08	4.83E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
527	W_108	387419.86	3743317.08	387419.86, 3743317.08	0.01404	0.00787	4.93E-05	6.67E-08	4.93E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.8E-09	4.8E-10	7.7E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
528	W_109	387439.86	3743317.08	387439.86, 3743317.08	0.01437	0.00797	5.04E-05	6.76E-08	5.05E-05	1.2E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
529	R_353	387019.21	3742972.33	387019.21, 3742972.33	0.01468	0.00808	5.15E-05	6.85E-08	5.16E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
530	R_354	387019.21	3743022.33	387019.21, 3743022.33	0.01501	0.00819	5.27E-05	6.94E-08	5.27E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
531	R_355	387019.21	3743072.33	387019.21, 3743072.33	0.01533	0.0083	5.38E-05	7.04E-08	5.39E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	8.4E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
532	R_356	387019.21	3743122.33	387019.21, 3743122.33	0.01566	0.00841	5.49E-05	7.13E-08	5.50E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.8E-09	5.3E-10	8.6E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
533	R_357	387019.21	3743172.33	387019.21, 3743172.33	0.01602	0.00853	5.62E-05	7.23E-08	5.63E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	8.8E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
534	R_358	387019.21	3743222.33	387019.21, 3743222.33	0.0164	0.00866	5.75E-05	7.34E-08	5.76E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
535	R_359	387019.21	3743272.33	387019.21, 3743272.33	0.01683	0.0088	5.90E-05	7.46E-08	5.91E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
536	R_360	387019.21	3743322.33	387019.21, 3743322.33	0.01729	0.00894	6.07E-05	7.58E-08	6.07E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
537	R_361	387069.21	3742972.33	387069.21, 3742972.33	0.01784	0.0091	6.26E-05	7.72E-08	6.27E-05	1.5E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
538	R_362	387069.21	3743022.33	387069.21, 3743022.33	0.01843	0.00926	6.47E-05	7.85E-08	6.47E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
539	R_363	387069.21	3743072.33	387069.21, 3743072.33	0.01907	0.00943	6.69E-05	8.00E-08	6.70E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
540	R_364	387069.21	3743122.33	387069.21, 3743122.33	0.01975	0.0096	6.93E-05	8.14E-08	6.94E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
541	R_365	387069.21	3743172.33	387069.21, 3743172.33	0.02048	0.00978	7.19E-05	8.29E-08	7.19E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
542	R_366	387069.21	3743222.33	387069.21, 3743222.33	0.02123	0.00996	7.45E-05	8.45E-08	7.46E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
543	R_367	387069.21	3743272.33	387069.21, 3743272.33	0.02201	0.01015	7.72E-05	8.61E-08	7.73E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
544	R_368	387069.21	3743322.33	387069.21, 3743322.33	0.02272	0.01034	7.97E-05	8.77E-08	7.98E-05	2.0E-08	6.0E-08	3.4E-08	3.1E-08	1.4E-08	7.8E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
545	R_369	387119.21	3742972.33	387119.21, 3742972.33	0.02333	0.01051	8.19E-05	8.91E-08	8.19E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	8.0E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
546	R_370	387119.21	3743022.33	387119.21, 3743022.33	0.02406	0.01071	8.44E-05	9.08E-08	8.45E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	8.2E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08

547	R_371	387119.21	3743072.33	387119.21, 3743072.33	0.02471	0.01092	8.67E-05	9.26E-08	8.68E-05	2.1E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.4E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
548	R_372	387119.21	3743122.33	387119.21, 3743122.33	0.02537	0.01112	8.90E-05	9.43E-08	8.91E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
549	R_373	387119.21	3743172.33	387119.21, 3743172.33	0.02601	0.01133	9.13E-05	9.61E-08	9.14E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.9E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
550	R_374	387119.21	3743222.33	387119.21, 3743222.33	0.02663	0.01152	9.34E-05	9.77E-08	9.35E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
551	R_375	387119.21	3743272.33	387119.21, 3743272.33	0.02749	0.01174	9.64E-05	9.96E-08	9.65E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
552	R_376	387119.21	3743322.33	387119.21, 3743322.33	0.0282	0.01192	9.89E-05	1.01E-07	9.90E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
553	R_377	387169.21	3742972.33	387169.21, 3742972.33	0.02906	0.01211	1.02E-04	1.03E-07	1.02E-04	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
554	R_378	387169.21	3743022.33	387169.21, 3743022.33	0.03006	0.01229	1.05E-04	1.04E-07	1.06E-04	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
555	R_379	387169.21	3743072.33	387169.21, 3743072.33	0.0312	0.01246	1.09E-04	1.06E-07	1.10E-04	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
556	R_380	387169.21	3743122.33	387169.21, 3743122.33	0.03247	0.01262	1.14E-04	1.07E-07	1.14E-04	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
557	R_381	387169.21	3743172.33	387169.21, 3743172.33	0.03356	0.01274	1.18E-04	1.08E-07	1.18E-04	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
558	R_382	387169.21	3743222.33	387169.21, 3743222.33	0.03475	0.01287	1.22E-04	1.09E-07	1.22E-04	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
559	R_383	387169.21	3743272.33	387169.21, 3743272.33	0.03605	0.01304	1.26E-04	1.11E-07	1.27E-04	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
560	R_384	387169.21	3743322.33	387169.21, 3743322.33	0.03702	0.01319	1.30E-04	1.12E-07	1.30E-04	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
561	R_385	387219.21	3742972.33	387219.21, 3742972.33	0.03823	0.01343	1.34E-04	1.14E-07	1.34E-04	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
562	R_386	387219.21	3743022.33	387219.21, 3743022.33	0.03911	0.01366	1.37E-04	1.16E-07	1.37E-04	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.5E-08	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
563	R_387	387219.21	3743072.33	387219.21, 3743072.33	0.03981	0.0139	1.40E-04	1.18E-07	1.40E-04	3.5E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
564	R_388	387219.21	3743122.33	387219.21, 3743122.33	0.04085	0.01427	1.43E-04	1.21E-07	1.43E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
565	R_389	387219.21	3743172.33	387219.21, 3743172.33	0.04144	0.01458	1.45E-04	1.24E-07	1.46E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
566	R_390	387219.21	3743222.33	387219.21, 3743222.33	0.01345	0.00766	4.72E-05	6.50E-08	4.73E-05	1.2E-08	3.5E-08	2.0E-08	1.9E-08	8.4E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
567	R_391	387219.21	3743272.33	387219.21, 3743272.33	0.0137	0.00775	4.81E-05	6.57E-08	4.81E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
568	R_392	387219.21	3743322.33	387219.21, 3743322.33	0.01397	0.00785	4.90E-05	6.66E-08	4.91E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.8E-09	4.8E-10	7.7E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
569	R_393	387269.21	3742972.33	387269.21, 3742972.33	0.01425	0.00794	5.00E-05	6.73E-08	5.01E-05	1.2E-08	3.7E-08	2.2E-08	2.0E-08	8.9E-09	4.9E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
570	R_394	387269.21	3743022.33	387269.21, 3743022.33	0.01454	0.00805	5.10E-05	6.83E-08	5.11E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	5.0E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
571	R_395	387269.21	3743072.33	387269.21, 3743072.33	0.01484	0.00816	5.21E-05	6.92E-08	5.21E-05	1.3E-08	3.9E-08	2.3E-08	2.0E-08	9.3E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
572	R_396	387269.21	3743122.33	387269.21, 3743122.33	0.01517	0.00827	5.32E-05	7.01E-08	5.33E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
573	R_397	387269.21	3743172.33	387269.21, 3743172.33	0.01549	0.00838	5.43E-05	7.11E-08	5.44E-05	1.3E-08	4.1E-08	2.4E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
574	R_398	387269.21	3743222.33	387269.21, 3743222.33	0.01586	0.00851	5.56E-05	7.22E-08	5.57E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
575	R_399	387269.21	3743272.33	387269.21, 3743272.33	0.01631	0.00866	5.72E-05	7.34E-08	5.73E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
576	R_400	387269.21	3743322.33	387269.21, 3743322.33	0.01674	0.00879	5.87E-05	7.45E-08	5.88E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
577	R_401	387319.21	3742972.33	387319.21, 3742972.33	0.01724	0.00894	6.05E-05	7.58E-08	6.06E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
578	R_402	387319.21	3743022.33	387319.21, 3743022.33	0.0178	0.0091	6.25E-05	7.72E-08	6.25E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	6.1E-10	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
579	R_403	387319.21	3743072.33	387319.21, 3743072.33	0.01841	0.00926	6.46E-05	7.85E-08	6.47E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
580	R_404	387319.21	3743122.33	387319.21, 3743122.33	0.01907	0.00943	6.69E-05	8.00E-08	6.70E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
581	R_405	387319.21	3743172.33	387319.21, 3743172.33	0.01974	0.0096	6.93E-05	8.14E-08	6.93E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
582	R_406	387319.21	3743222.33	387319.21, 3743222.33	0.02042	0.00977	7.16E-05	8.28E-08	7.17E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
583	R_407	387319.21	3743272.33	387319.21, 3743272.33	0.02114	0.00996	7.42E-05	8.45E-08	7.43E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
584	R_408	387319.21	3743322.33	387319.21, 3743322.33	0.02176	0.01013	7.63E-05	8.59E-08	7.64E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
585	R_409	387369.21	3742972.33	387369.21, 3742972.33	0.02239	0.01032	7.86E-05	8.75E-08	7.86E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
586	R_410	387369.21	3743022.33	387369.21, 3743022.33	0.0229	0.01049	8.03E-05	8.90E-08	8.04E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
587	R_411	387369.21	3743072.33	387369.21, 3743072.33	0.02346	0.01068	8.23E-05	9.06E-08	8.24E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
588	R_412	387369.21	3743122.33	387369.21, 3743122.33	0.02401	0.01087	8.42E-05	9.22E-08	8.43E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
589	R_413	387369.21	3743172.33	387369.21, 3743172.33	0.02458	0.01106	8.62E-05	9.38E-08	8.63E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
590	R_414	387369.21	3743222.33	387369.21, 3743222.33	0.02527	0.01127	8.87E-05	9.56E-08	8.88E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
591	R_415	387369.21	3743272.33	387369.21, 3743272.33	0.02601	0.01147	9.13E-05	9.73E-08	9.14E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.9E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
592	R_416	387419.21	3742972.33	387419.21, 3742972.33	0.02928	0.0121	1.03E-04	1.03E-07	1.03E-04	2.5E-08	7.7E-08	4.4E-08	4.0E-08	1.8E-08	1.0E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
593	R_417	387419.21	3743022.33	387419.21, 3743022.33	0.03034	0.01223	1.06E-04	1.04E-07	1.07E-04	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
594	R_418	387419.21	3743072.33	387419.21, 3743072.33	0.03133	0.01233	1.10E-04	1.05E-07	1.10E-04	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
595	R_419	387419.21	3743122.33	387419.21, 3743122.33	0.03241	0.01246	1.14E-04	1.06E-07	1.14E-04	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
596	R_420	387419.21	3743172.33	387419.21, 3743172.33	0.03359	0.01262	1.18E-04	1.07E-07	1.18E-04	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
597	R_421	387419.21	3743222.33	387419.21, 3743222.33	0.03455	0.01278	1.21E-04	1.08E-07	1.21E-04	3.0E-08	9.1E-08	5.2E-08	4.8E-08	2.2E-08	1.2E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
598	R_422	387419.21	3743272.33	387419.21, 3743272.33	0.03553	0.01298	1.25E-04	1.10E-07	1.25E-04	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
599	R_423	387469.21	3743072.33	387469.21, 3743072.33	0.03632	0.0132	1.27E-04	1.12E-07	1.28E-04	3.2E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
600	R_424	387469.21	3743122.33	387469.21, 3743122.33	0.03699	0.01344	1.30E-04	1.14E-07	1.30E-04	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
601	R_425	387469.21	3743172.33	387469.21, 3743172.33	0.03789	0.01378	1.33E-04	1.17E-07	1.33E-04	3.3E-08	9.9E-08	5.8E-08	5.2E-08	2.4E-08	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
602	R_426	387469.21	3743222.33	387469.21, 3743222.33	0.0385	0.0141	1.35E-04	1.20E-07	1.35E-04	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
603	R_427	387469.21	3743272.33	387469.21, 3743272.33	0.01313	0.00755	4.61E-05	6.40E-08	4.61E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.2E-09	4.5E-10	7.2E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
604	W_110	387578.38	3743390.44	387578.38, 3743390.44	0.01338	0.00764	4.69E-05	6.48E-08	4.70E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.4E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
605	W_111	387608.38	3743390.44	387608.38, 3743390.44	0.01364	0.00774	4.79E-05	6.56E-08	4.79E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
606	W_112	387638.38	3743390.44	387638.38, 3743390.44	0.0139	0.00784	4.88E-05	6.65E-08	4.88E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.7E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
607	W_113	387369.87	3743365.2	387369.87, 3743365.2	0.01417	0.00794	4.97E-05	6.73E-08	4.98E-05	1.2E-08	3.7E-08	2.2E-08	2.0E-08	8.9E-09	4.8E-10	7.8E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
608	W_114	387399.87	3743365.2	387399.87, 3743365.2	0.01446	0.00804	5.07E-05	6.82E-08	5.08E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.9E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
609	W_115	387429.87	3743365.2	387429.87, 3743365.2	0.01475	0.00815	5.18E-05	6.91E-08	5.18E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.3E-09	5.0E-10	8.1E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
610	W_116	387459.87	3743365.2	387459.87, 3743365.2	0.01508	0.00826	5.29E-05	7.00E-08	5.30E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.1E-10	8.3E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
611	W_117	387489.87	3743365.2	387489.87, 3743365.2	0.01544	0.00839	5.42E-05	7.11E-08	5.42E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
612	W_118	387489.87	3743395.2	387489.87, 3743395.2	0.01585	0.00852	5.56E-05	7.22E-08	5.57E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
613	R_428	388754.52	3743939.25	388754.52, 3743939.25	0.01631	0.00867	5.72E-05	7.35E-08	5.73E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	9.0E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
614	R_429	388754.52	3743989.25	388754.52, 3743989.25	0.01681	0.00881	5.90E-05	7.47E-08	5.91E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
615	R_430	388754.52	3744039.25	388754.52, 3744039.25	0.01735	0.00897	6.09E-05	7.61E-08	6.09E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
616	R_431	388754.52	3744089.25	388754.52, 3744089.25	0.01795	0.00913	6.30E-05	7.74E-08	6.31E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
617	R_432	388754.52	3744139.25	388754.52, 3744139.25	0.01857	0.00929	6.52E-05	7.88E-08	6.52E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
618	R_433	388754.52	3744189.25	388754.52, 3744189.25	0.0192	0.00946	6.74E-05	8.02E-08	6.74E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.6E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
619	R_434	388804.52	3743889.25	388804.52, 3743889.25	0.01982	0.00962	6.95E-05	8.16E-08	6.96E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.8E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
620	R_435	388804.52	3743939.25	388804.52, 3743939.25	0.0204	0.00979	7.16E-05	8.30E-08	7.17E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
621	R_436	388804.52	3743989.25	388804.52, 3743989.25	0.02092	0.00995	7.34E-05	8.44E-08	7.35E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.1E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
622	R_437	388804.52	3744039.25	388804.52, 3744039.25	0.02142	0.01012	7.52E-05	8.58E-08	7.52E-05	1.9E-08	5.6E-08	3.3E-08	2.9E-08	1.3E-08	7.3E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
623	R_438	388804.52	3744089.25	388804.52, 3744089.25	0.02196	0.01031	7.70E-05	8.74E-08	7.71E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
624	R_439	388804.52	3744139.25	388804.52, 3744139.25	0.02246	0.01049	7.88E-05	8.90E-08	7.89E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
625	R_440	388804.52	3744189.25	388804.52, 3744189.25	0.02295	0.01067	8.05E-05	9.05E-08	8.06E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
626	R_441	388804.52	3744239.25	388804.52, 3744239.25	0.02346	0.01085	8.23E-05	9.20E-08	8.24E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
627	R_442	388804.52	3744289.25	388804.52, 3744289.25	0.02403	0.01103	8.43E-05	9.35E-08	8.44E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
628	R_443	388854.52	3743889.25	388854.52, 3743889.25	0.02467	0.01121	8.66E-05	9.51E-08	8.66E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
629	R_444	388854.52	3743939.25	388854.52, 3743939.25	0.03233	0.01239	1.13E-04	1.05E-07	1.14E-04	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
630	R_445	388854.52	3743989.25	388854.52, 3743989.25	0.0333	0.0126	1.17E-04	1.07E-07	1.17E-04	2.9E-08	8.7E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
631	R_446	388854.52	3744039.25	388854.52, 3744039.25	0.03393	0.01279	1.19E-04	1.08E-07	1.19E-04	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	1.2E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
632	R_447	388854.52	3744089.25	388854.52, 3744089.25	0.0346	0.01303	1.21E-04	1.10E-07	1.22E-04	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
633	R_448	388854.52	3744139.25	388854.52, 3744139.25	0.03524	0.01331	1.24E-04	1.13E-07	1.24E-04	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
634	R_449	388854.52	3744189.25	388854.52, 3744189.25	0.03588	0.01363	1.26E-04	1.16E-07	1.26E-04	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.3E-08	1.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
635	R_450	388854.52	3744239.25	388854.52, 3744239.25	0.01281	0.00744	4.49E-05	6.31E-08	4.50E-05	1.1E-08	3.4E-08	1.9E-08	1.8E-08	8.0E-09	4.4E-10	7.0E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
636	R_451	388854.52	3744289.25	388854.52, 3744289.25	0.01305	0.00754	4.58E-05	6.39E-08	4.58E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.2E-09	4.5E-10	7.2E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
637	R_452	388854.52	3744339.25	388854.52, 3744339.25	0.01326	0.00762	4.65E-05	6.46E-08	4.66E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	7.3E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
638	R_453	388904.52	3743889.25	388904.52, 3743889.25	0.01349	0.00771	4.73E-05	6.54E-08	4.74E-05	1.2E-08	3.5E-08	2.0E-08	1.9E-08	8.5E-09	4.6E-10	7.4E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
639	R_454	388904.52	3743939.25	388904.52, 3743939.25	0.01374	0.00781	4.82E-05	6.62E-08	4.83E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
640	R_455	388904.52	3743989.25	388904.52, 3743989.25	0.01402	0.00791	4.92E-05	6.71E-08	4.93E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.8E-09	4.8E-10	7.7E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
641	R_456	388904.52	3744039.25	388904.52, 3744039.25	0.0143	0.00802	5.02E-05	6.80E-08	5.02E-05	1.2E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	7.9E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
642	R_457	388904.52	3744089.25	388904.52, 3744089.25	0.01462	0.00813	5.13E-05	6.89E-08	5.14E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	8.0E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
643	R_458	388904.52	3744139.25	388904.52, 3744139.25	0.01498	0.00825	5.26E-05	7.00E-08	5.26E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
644	R_459	388904.52	3744189.25	388904.52, 3744189.25	0.01542	0.0084	5.41E-05	7.12E-08	5.42E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
645	R_460	388904.52	3744239.25	388904.52, 3744239.25	0.01586	0.00853	5.56E-05	7.23E-08	5.57E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	8.7E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
646	R_461	388904.52	3744289.25	388904.52, 3744289.25	0.01628	0.00866	5.71E-05	7.34E-08	5.72E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	8.9E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
647	R_462	388904.52	3744339.25	388904.52, 3744339.25	0.01682	0.00881	5.90E-05	7.47E-08	5.91E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.7E-10	9.2E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
648	R_463	388904.52	3744389.25	388904.52, 3744389.25	0.01739	0.00897	6.10E-05	7.61E-08	6.11E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	9.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
649	R_464	388904.52	3744439.25	388904.52, 3744439.25	0.01798	0.00913	6.31E-05	7.74E-08	6.32E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
650	R_465	388954.52	3743939.25	388954.52, 3743939.25	0.01859	0.0093	6.52E-05	7.89E-08	6.53E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.3E-10	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
651	R_466	388954.52	3743989.25	388954.52, 3743989.25	0.01911	0.00945	6.70E-05	8.01E-08	6.71E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
652	R_467	388954.52	3744039.25	388954.52, 3744039.25	0.01957	0.0096	6.87E-05	8.14E-08	6.87E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
653	R_468	388954.52	3744089.25	388954.52, 3744089.25	0.02014	0.00979	7.07E-05	8.30E-08	7.07E-05	1.7E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
654	R_469	388954.52	3744139.25	388954.52, 3744139.25	0.02059	0.00995	7.22E-05	8.44E-08	7.23E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
655	S_46	388882.82	3743721.97	388882.82, 3743721.97	0.02097	0.01011	7.36E-05	8.57E-08	7.37E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
656	S_47	388882.82	3743771.97	388882.82, 3743771.97	0.02145	0.01029	7.53E-05	8.73E-08	7.53E-05	1.9E-08	5.6E-08	3.3E-08	3.0E-08	1.3E-08	7.3E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
657	S_48	388932.82	3743721.97	388932.82, 3743721.97	0.02191	0.01046	7.69E-05	8.87E-08	7.70E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
658	S_49	388932.82	3743771.97	388932.82, 3743771.97	0.02239	0.01063	7.86E-05	9.01E-08	7.86E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
659	S_50	388932.82	3743821.97	388932.82, 3743821.97	0.02291	0.0108	8.04E-05	9.16E-08	8.05E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
660	W_119	387765.02	3743382.77	387765.02, 3743382.77	0.02346	0.01096	8.23E-05	9.29E-08	8.24E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
661	W_120	387815.02	3743382.77	387815.02, 3743382.77	0.03045	0.01204	1.07E-04	1.02E-07	1.07E-04	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
662	W_121	387815.02	3743432.77	387815.02, 3743432.77	0.03116	0.01221	1.09E-04	1.04E-07	1.09E-04	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
663	W_122	387865.02	3743382.77	387865.02, 3743382.77	0.03194	0.01243	1.12E-04	1.05E-07	1.12E-04	2.8E-08	8.4E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
664	W_123	387865.02	3743432.77	387865.02, 3743432.77	0.03237	0.01263	1.14E-04	1.07E-07	1.14E-04	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
665	W_124	387915.02	3743382.77	387915.02, 3743382.77	0.0331	0.01292	1.16E-04	1.10E-07	1.16E-04	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
666	W_125	387915.02	3743432.77	387915.02, 3743432.77	0.03342	0.01317	1.17E-04	1.12E-07	1.17E-04	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
667	W_126	387965.02	3743432.77	387965.02, 3743432.77	0.02715	0.29887	9.53E-05	2.53E-06	9.78E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.5E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
668		387713.39	3743372.67	387713.39, 3743372.67	0.0264	0.28423	9.26E-05	2.41E-06	9.50E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
669		387763.39	3743422.67	387763.39, 3743422.67	0.0257	0.27254	9.02E-05	2.31E-06	9.25E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
670	R_470	387583.29	3743113.63	387583.29, 3743113.63	0.02497	0.26787	8.76E-05	2.27E-06	8.99E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
671	R_471	387583.29	3743163.63	387583.29, 3743163.63	0.02427	0.26402	8.52E-05	2.24E-06	8.74E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
672	R_472	387583.29	3743213.63	387583.29, 3743213.63	0.02361	0.26112	8.28E-05	2.21E-06	8.50E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
673	R_473	387583.29	3743263.63	387583.29, 3743263.63	0.02296	0.25926	8.06E-05	2.20E-06	8.28E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
674	R_474	387633.29	3743163.63	387633.29, 3743163.63	0.02234	0.25762	7.84E-05	2.18E-06	8.06E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
675	R_475	387633.29	3743213.63	387633.29, 3743213.63	0.02175	0.25688	7.63E-05	2.18E-06	7.85E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
676	R_476	387633.29	3743263.63	387633.29, 3743263.63	0.02116	0.25753	7.42E-05	2.18E-06	7.64E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
677	R_477	387633.29	3743313.63	387633.29, 3743313.63	0.02063	0.25548	7.24E-05	2.17E-06	7.45E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
678	R_478	387683.29	3743263.63	387683.29, 3743263.63	0.02008	0.25632	7.05E-05	2.17E-06	7.26E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.1E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
679	R_479	387683.29	3743313.63	387683.29, 3743313.63	0.01958	0.25551	6.87E-05	2.17E-06	7.09E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
680	W_127	388242.48	3743969.33	388242.48, 3743969.33	0.01909	0.25469	6.70E-05	2.16E-06	6.91E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-08
681	W_128	388242.48	3744019.33	388242.48, 3744019.33	0.02839	0.25699	9.96E-05	2.18E-06	1.02E-04	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
682	W_129	388242.48	3744069.33	388242.48, 3744069.33	0.02756	0.24031	9.67E-05	2.04E-06	9.87E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
683	W_130	388242.48	3744119.33	388242.48, 3744119.33	0.02679	0.2267	9.40E-05	1.92E-06	9.59E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
684	W_131	388242.48	3744169.33	388242.48, 3744169.33	0.02594	0.22326	9.10E-05	1.89E-06	9.29E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
685	W_132	388242.48	3744219.33	388242.48, 3744219.33	0.0252	0.21709	8.84E-05	1.84E-06	9.03E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08

686 W_133	388242.48	3744269.33	388242.48, 3744269.33	0.02448	0.21298	8.59E-05	1.81E-06	8.77E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
687 W_134	388242.48	3744319.33	388242.48, 3744319.33	0.02378	0.21043	8.34E-05	1.78E-06	8.52E-05	2.1E-08	6.4E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
688 W_135	388242.48	3744369.33	388242.48, 3744369.33	0.0231	0.20858	8.10E-05	1.77E-06	8.28E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
689 W_136	388242.48	3744419.33	388242.48, 3744419.33	0.02247	0.20632	7.88E-05	1.75E-06	8.06E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
690 W_137	388242.48	3744469.33	388242.48, 3744469.33	0.02185	0.20515	7.67E-05	1.74E-06	7.84E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
691 W_138	388292.48	3743969.33	388292.48, 3743969.33	0.02125	0.20482	7.46E-05	1.74E-06	7.63E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
692 W_139	388292.48	3744019.33	388292.48, 3744019.33	0.02066	0.20535	7.25E-05	1.74E-06	7.42E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
693 W_140	388292.48	3744069.33	388292.48, 3744069.33	0.02012	0.20427	7.06E-05	1.73E-06	7.23E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
694 W_141	388292.48	3744119.33	388292.48, 3744119.33	0.0196	0.20332	6.88E-05	1.72E-06	7.05E-05	1.7E-08	5.3E-08	3.0E-08	2.8E-08	1.3E-08	6.8E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
695 W_142	388292.48	3744169.33	388292.48, 3744169.33	0.02975	0.23222	1.04E-04	1.97E-06	1.06E-04	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
696 W_143	388292.48	3744219.33	388292.48, 3744219.33	0.02884	0.21249	1.01E-04	1.80E-06	1.03E-04	2.5E-08	7.7E-08	4.5E-08	4.0E-08	1.8E-08	1.0E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
697 W_144	388292.48	3744269.33	388292.48, 3744269.33	0.02796	0.19884	9.81E-05	1.69E-06	9.98E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
698 W_145	388292.48	3744319.33	388292.48, 3744319.33	0.02702	0.19329	9.48E-05	1.64E-06	9.64E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
699 W_146	388292.48	3744369.33	388292.48, 3744369.33	0.02619	0.18672	9.19E-05	1.58E-06	9.35E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
700 W_147	388292.48	3744419.33	388292.48, 3744419.33	0.0254	0.1817	8.91E-05	1.54E-06	9.07E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
701 W_148	388292.48	3744469.33	388292.48, 3744469.33	0.02466	0.17701	8.65E-05	1.50E-06	8.80E-05	2.2E-08	6.6E-08	3.8E-08	3.4E-08	1.6E-08	8.6E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
702 W_149	388292.48	3744519.33	388292.48, 3744519.33	0.02394	0.17438	8.40E-05	1.48E-06	8.55E-05	2.1E-08	6.4E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
703 W_150	388292.48	3744569.33	388292.48, 3744569.33	0.02323	0.17323	8.15E-05	1.47E-06	8.30E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
704 R_480	388780.42	3742965.27	388780.42, 3742965.27	0.02257	0.17087	7.92E-05	1.45E-06	8.06E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
705 R_481	388780.42	3743015.27	388780.42, 3743015.27	0.02194	0.16961	7.70E-05	1.44E-06	7.84E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
706 R_482	388780.42	3743065.27	388780.42, 3743065.27	0.02133	0.1686	7.48E-05	1.43E-06	7.63E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
707 R_483	388780.42	3743115.27	388780.42, 3743115.27	0.02074	0.16779	7.28E-05	1.42E-06	7.42E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
708 R_484	388780.42	3743165.27	388780.42, 3743165.27	0.02019	0.16661	7.08E-05	1.41E-06	7.22E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
709 R_485	388780.42	3743215.27	388780.42, 3743215.27	0.03122	0.21732	1.10E-04	1.84E-06	1.11E-04	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
710 R_486	388830.42	3742965.27	388830.42, 3742965.27	0.0302	0.19607	1.06E-04	1.66E-06	1.08E-04	2.7E-08	8.0E-08	4.7E-08	4.2E-08	1.9E-08	1.0E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
711 R_487	388830.42	3743015.27	388830.42, 3743015.27	0.02923	0.18091	1.03E-04	1.53E-06	1.04E-04	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
712 R_488	388830.42	3743065.27	388830.42, 3743065.27	0.02817	0.17376	9.88E-05	1.47E-06	1.00E-04	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
713 R_489	388830.42	3743115.27	388830.42, 3743115.27	0.02726	0.16607	9.56E-05	1.41E-06	9.70E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
714 R_490	388830.42	3743165.27	388830.42, 3743165.27	0.02639	0.16058	9.26E-05	1.36E-06	9.40E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.1E-10	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
715 R_491	388880.42	3742965.27	388880.42, 3742965.27	0.0256	0.15489	8.98E-05	1.31E-06	9.11E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.9E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
716 R_492	388880.42	3743015.27	388880.42, 3743015.27	0.02481	0.15164	8.70E-05	1.29E-06	8.83E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
717 R_493	388880.42	3743065.27	388880.42, 3743065.27	0.02406	0.14873	8.44E-05	1.26E-06	8.57E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.3E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
718 R_494	388880.42	3743115.27	388880.42, 3743115.27	0.02334	0.14665	8.19E-05	1.24E-06	8.31E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
719 R_495	388880.42	3743165.27	388880.42, 3743165.27	0.02266	0.14504	7.95E-05	1.23E-06	8.07E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
720 R_496	388930.42	3742965.27	388930.42, 3742965.27	0.02199	0.14415	7.72E-05	1.22E-06	7.84E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
721 R_497	388930.42	3743015.27	388930.42, 3743015.27	0.02135	0.14391	7.49E-05	1.22E-06	7.61E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
722 R_498	388930.42	3743065.27	388930.42, 3743065.27	0.02076	0.14243	7.28E-05	1.21E-06	7.40E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
723 R_499	388930.42	3743115.27	388930.42, 3743115.27	0.03054	0.16982	1.07E-04	1.44E-06	1.09E-04	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
724 R_500	388930.42	3743165.27	388930.42, 3743165.27	0.02947	0.15868	1.03E-04	1.35E-06	1.05E-04	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08

Residential DOSEair = (Cair*(BR/BW)*A*EF*10^{-6})

A	1	Inhalation absorption factor[1]
EF	0.68	Exposure frequency (250/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk = DOSEair * CPF * ASF * ED/AT * FAH

CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	BR/BW	ASF	FAH	ED (Const)
3rd	361	10	1	0.25
0<2	1090	10	1	1.33
2<9	631	3	1	0
9<16	572	3	1	0
16<30	261	1	0.73	0
			Total:	*1.58*

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year) based on construction work days.
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Construction would occur over a duration of 20 months.

Construction Emission Rates

Year		Start	End	Work Days	Trips/Day Vendor	Trips/Day Hauling	Total Trips Vendor	Total Trips Hauling
2026	Demolition	11/1/2026	11/29/2026	20	0	123	0	2465
2026	Site Prep	11/30/2026	12/14/2026	11	0	0	0	0
2026	Grading	12/15/2026	12/31/2026	13	0	0	0	0
				44	*0*	*123*	*0*	*2465*
2027	Grading	1/1/2027	1/26/2027	18	0	0	0	0
2027	Bldg Const	1/27/2027	12/31/2027	243	54	0	13122	0
				261	*54*	*0*	*13122*	*0*
2028	Bldg Const	1/1/2028	3/22/2028	58	54	0	3132	0
2028	Paving	3/23/2028	4/20/2028	21	0	0	0	0
2028	Arch Coat	3/1/2028	5/31/2028	66	0	0	0	0
				145	*54*	*0*	*3132*	*0*
		Total Construction Days:		*450*				

On-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Days	Unmitigated	
2026	Demolition	20	0.0084	0.1686
2026	Site Prep	11	0.0062	0.0683
2026	Grading	13	0.0068	0.0885
	Total 2026	44	0.0215	0.0074
2027	Grading	18	0.0097	0.1743
2027	Bldg Const	243	0.0407	9.9021
	Total 2027	261	0.0504	0.0386
2028	Bldg Const	58	0.0088	0.5100
2028	Paving	21	0.0026	0.0537
2028	Arch Coat	66	0.0005	0.0334
	Total 2028	145	0.0119	0.0041

Off-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Unmitigated	
2026	Demolition	0.0011	0.0217
2026	Site Prep	0.0000	0.0000
2026	Grading	0.0000	0.0000
	Total 2026	0.0011	0.0005
2027	Grading	0.0000	0.0000
2027	Bldg Const	0.0015	0.3601
	Total 2027	0.0015	0.0014
2028	Bldg Const	0.0004	0.0208
2028	Paving	0.0000	0.0000
2028	Arch Coat	0.0000	0.0000
	Total 2028	0.0004	0.0001

Construction
Group: ONSITE

PM10 Exhaust Onsite Unmitigated

Year	Tons/Year	g/s	Weighted Average On-Site Rate	AERMOD Unitized Rate (g/s)
2026	7.40E-03	5.30E-03	3.51E-03	1
2027	3.86E-02	4.66E-03		
2028	4.12E-03	8.95E-04		

Group: HAUL

	Trips Vendor	Trips Hauling	Miles Vendor	Miles Hauling	Weighted Trip length
2026	0	2,465	10.2	20	20.00
2027	13,122	0	10.2	20	10.20
2028	3,132	0	10.2	20	10.20

PM10 Exhaust Haul

	Tons/Year	g/s	g/s per mile	Weighted Average Off-Site Rate
2026	4.94E-04	3.54E-04	1.77E-05	1.22E-05
2027	1.38E-03	1.67E-04	1.63E-05	
2028	1.43E-04	3.11E-05	3.05E-06	

	Length (meters)	Length (Miles)	Emissions (g/sec per mile)	Emission Rate (g/sec)
HAUL	1120.3	0.70	1.22E-05	8.48E-06

*Variable emissions - assumes 8 hours/day Monday-Friday

Opeational Emissions Rates

Truck Route Emissions

		Speed (mph)	Trips (veh/day)	Mobile Emission Factor (g/mi)	Length (meters)	Length (mi/veh)	Mobile Emissions (g/day)	Emission Rate (g/sec)	Plume Width (m)	Segment Length (m)	Source Area (m2)	AERMOD Unitized Rate (g/s)
	Off-Site											
HAUL1	Hughes Way to Via Oro/Hughes Way Intersection (100% Trucks)	35	144	0.0073485	947.5	0.588749	6.23E-01	7.21E-06	44.69	947.5	4.23E+04	0.754
HAUL2	Hughes Way south of project site (50% Trucks)	35	72	0.0073485	273.6	0.1700071	8.99E-02	1.04E-06	28.19	273.6	7.71E+03	0.137
HAUL3	Via Oro Avenue west of project site (50% Trucks)	35	72	0.0073485	136.4	0.084755	4.48E-02	5.19E-07 8.77E-06	44.69	136.4	6.10E+03	0.109
	On-Site											
ONSITE	Onsite Circulation	15	144	0.0108194	467.7	0.2906152	4.53E-01	5.24E-06 5.24E-06	28.19	467.7	1.32E+04	1.0000

Diesel Equipment - PM10 Offroad Exhaust

	Tons/Year	g/s
Forklifts	0.0005	1.52E-05
Yard Trucks	0	0.00E+00
Total		1.52E-05

	Loading Dock Idling	Speed (mph)	Trucks (veh/day)	Emission Factor (g/hr)	Duration (hr/veh)	Emissions (g/day)	Emission Rate (g/sec)	Offroad Equipment g/s	Unmitigated Emission Rate +Offroad (g/sec)	Plume Width (m)	Segment Length (m)	Source Area (m2)	AERMOD Unitized Rate (g/s)
DOCKS	Onsite Idle	Idle	144	0.0015788	0.25	5.68E-02	6.58E-07	1.52E-05	1.58E-05 1.58E-05	28.19	170.3	4.80E+03	1.0000

	Backup Generators	Quantity	Tons/Year	g/s	g/s per generator	Unitized
GEN	Site 1	1	2.45E-03	1.23E-02	0.01233	1.00

* variable emissions - 1 hour a week (asumed Monday 1:00 pm)

Unitized emission rates (1 g/s) were used for source groups in AERMOD.

The emission rate for each segment was based on the area of the segment (segment length x segment width) divided by the total area of the route (sum of each segment's area).

Residential Operational Risk (Unmitigated)

Residential Operational Risk (Unmitigated)

	Docks	Generators	Haul	Onsite
Emissions Rate (g/s):	1.58E-05	1.23E-02	8.77E-06	5.24E-06

Discrete Receptor ID				Concentration [µg/m^3] at 1 g/s				Unmitigated					Residential Dose					Risk by Age Group					
X	Y		X, Y	Docks	Generators	Haul	Onsite	Docks	Generators	Haul	Onsite	Total	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1 W_1	387507.26	3743641.71	387507.26, 3743641.71	2.26891	0.00277	29.03734	2.11466	3.59E-05	3.42E-05	2.55E-04	1.11E-05	3.36E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.6E-09	1.1E-07	6.7E-08	6.1E-08	1.3E-08	2.6E-07
2 W_2	387507.26	3743691.71	387507.26, 3743691.71	2.62804	0.00307	24.76768	2.41154	4.164E-05	3.79E-05	2.17E-04	1.26E-05	3.09E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
3 W_3	387507.26	3743741.71	387507.26, 3743741.71	3.01743	0.00347	23.23672	2.75255	4.781E-05	4.28E-05	2.04E-04	1.44E-05	3.09E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
4 W_4	387507.26	3743791.71	387507.26, 3743791.71	3.39636	0.00385	21.41274	3.12834	5.381E-05	4.75E-05	1.88E-04	1.64E-05	3.05E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.2E-09	1.0E-07	6.1E-08	5.5E-08	1.2E-08	2.3E-07
5 W_5	387507.26	3743841.71	387507.26, 3743841.71	3.76481	0.00392	19.1369	3.51569	5.965E-05	4.83E-05	1.68E-04	1.84E-05	2.94E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	9.7E-08	5.9E-08	5.3E-08	1.2E-08	2.2E-07
6 W_6	387557.26	3743641.71	387557.26, 3743641.71	2.49661	0.00325	40.19306	2.33186	3.955E-05	4.01E-05	3.53E-04	1.22E-05	4.44E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	1.5E-07	8.9E-08	8.0E-08	1.8E-08	3.4E-07
7 W_7	387557.26	3743691.71	387557.26, 3743691.71	2.93677	0.00357	38.24312	2.69156	4.653E-05	4.40E-05	3.35E-04	1.41E-05	4.40E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	1.4E-07	8.8E-08	8.0E-08	1.7E-08	3.4E-07
8 W_8	387557.26	3743741.71	387557.26, 3743741.71	3.44856	0.00397	37.99059	3.12006	5.464E-05	4.90E-05	3.33E-04	1.64E-05	4.53E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	1.5E-07	9.0E-08	8.2E-08	1.8E-08	3.5E-07
9 W_9	387557.26	3743791.71	387557.26, 3743791.71	3.97898	0.00449	32.79215	3.6213	6.304E-05	5.54E-05	2.88E-04	1.90E-05	4.25E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	1.4E-07	8.5E-08	7.7E-08	1.7E-08	3.2E-07
10 W_10	387557.26	3743841.71	387557.26, 3743841.71	4.49439	0.00471	26.45989	4.16799	7.12E-05	5.81E-05	2.32E-04	2.18E-05	3.83E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	1.3E-07	7.7E-08	6.9E-08	1.5E-08	2.9E-07
11 W_11	387557.26	3743891.71	387557.26, 3743891.71	5.06203	0.00441	21.60184	4.72676	8.02E-05	5.44E-05	1.89E-04	2.48E-05	3.49E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	1.1E-07	7.0E-08	6.3E-08	1.4E-08	2.7E-07
12 W_12	387557.26	3743941.71	387557.26, 3743941.71	5.67379	0.00416	18.02695	5.3202	8.989E-05	5.13E-05	1.58E-04	2.79E-05	3.27E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.4E-09	1.1E-07	6.5E-08	5.9E-08	1.3E-08	2.5E-07
13 W_13	387557.26	3743991.71	387557.26, 3743991.71	6.05436	0.00409	14.81672	5.81473	9.592E-05	5.04E-05	1.30E-04	3.05E-05	3.07E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	1.0E-07	6.1E-08	5.6E-08	1.2E-08	2.3E-07
14 W_14	387607.26	3743841.71	387607.26, 3743841.71	5.46942	0.00567	40.26418	5.01955	8.665E-05	6.99E-05	3.53E-04	2.63E-05	5.36E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	1.8E-07	1.1E-07	9.7E-08	2.1E-08	4.1E-07
15 W_15	387607.26	3743891.71	387607.26, 3743891.71	6.28402	0.00536	28.92052	5.87015	9.956E-05	6.61E-05	2.54E-04	3.08E-05	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	1.5E-07	9.0E-08	8.1E-08	1.8E-08	3.4E-07
16 W_16	387607.26	3743941.71	387607.26, 3743941.71	7.15833	0.00511	23.07755	6.77396	0.0001134	6.30E-05	2.02E-04	3.55E-05	4.14E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	1.4E-07	8.3E-08	7.5E-08	1.6E-08	3.2E-07
17 W_17	387607.26	3743991.71	387607.26, 3743991.71	7.63232	0.00531	18.11253	7.49207	0.0001209	6.55E-05	1.59E-04	3.93E-05	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	1.3E-07	7.7E-08	7.0E-08	1.5E-08	2.9E-07
18 W_18	387607.26	3744041.71	387607.26, 3744041.71	7.32815	0.00589	13.65956	7.35385	0.0001161	7.26E-05	1.20E-04	3.85E-05	3.47E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	1.1E-07	6.9E-08	6.3E-08	1.4E-08	2.6E-07
19 W_19	387607.26	3744091.71	387607.26, 3744091.71	6.39233	0.00651	10.43705	6.41791	0.0001013	8.03E-05	9.15E-05	3.36E-05	3.07E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	1.0E-07	6.1E-08	5.6E-08	1.2E-08	2.3E-07
20 W_20	387657.26	3743841.71	387657.26, 3743841.71	6.8183	0.0068	63.71566	6.15604	0.000108	8.39E-05	5.59E-04	3.23E-05	7.83E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
21 W_21	387657.26	3743891.71	387657.26, 3743891.71	8.05831	0.00651	39.45695	7.54011	0.0001277	8.03E-05	3.46E-04	3.95E-05	5.94E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	1.9E-07	1.2E-07	1.1E-07	2.3E-08	4.5E-07
22 W_22	387657.26	3743941.71	387657.26, 3743941.71	9.3781	0.00637	30.65399	9.06801	0.0001486	7.86E-05	2.69E-04	4.75E-05	5.44E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	1.8E-07	1.1E-07	9.8E-08	2.1E-08	4.1E-07
23 W_23	387657.26	3743991.71	387657.26, 3743991.71	9.95395	0.00743	22.77911	10.21097	0.0001577	9.16E-05	2.00E-04	5.35E-05	5.03E-04	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	6.8E-09	1.7E-07	1.0E-07	9.1E-08	2.0E-08	3.8E-07
24 W_24	387657.26	3744041.71	387657.26, 3744041.71	9.14585	0.00903	16.03931	9.50205	0.0001449	1.11E-04	1.41E-04	4.98E-05	4.47E-04	1.5E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	1.5E-07	8.9E-08	8.1E-08	1.8E-08	3.4E-07
25 W_25	387657.26	3744091.71	387657.26, 3744091.71	7.51229	0.01009	11.85391	7.71062	0.000119	1.24E-04	1.04E-04	4.04E-05	3.88E-04	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	5.3E-09	1.3E-07	7.7E-08	7.0E-08	1.5E-08	3.0E-07
26 W_26	387657.26	3744141.71	387657.26, 3744141.71	5.90257	0.01031	9.26928	6.07383	9.351E-05	1.27E-04	8.13E-05	3.18E-05	3.34E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.5E-09	1.1E-07	6.7E-08	6.0E-08	1.3E-08	2.5E-07
27 W_27	387707.26	3743841.71	387707.26, 3743841.71	8.7343	0.0078	85.8494	7.69991	0.0001384	9.62E-05	7.53E-04	4.04E-05	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	3.4E-07	2.1E-07	1.9E-07	4.1E-08	7.8E-07
28 W_28	387707.26	3743891.71	387707.26, 3743891.71	10.80119	0.00769	57.01829	10.11798	0.0001711	9.48E-05	5.00E-04	5.30E-05	8.19E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.0E-07	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.2E-07
29 W_29	387707.26	3743941.71	387707.26, 3743941.71	12.9857	0.00838	45.2845	13.21694	0.0002057	1.03E-04	3.97E-04	6.93E-05	7.76E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	2.5E-07	1.5E-07	1.4E-07	3.1E-08	5.9E-07
30 W_30	387707.26	3743991.71	387707.26, 3743991.71	13.57221	0.01219	30.64046	15.29569	0.000215	1.50E-04	2.69E-04	8.02E-05	7.14E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
31 W_31	387707.26	3744041.71	387707.26, 3744041.71	11.60349	0.01559	19.34661	12.6914	0.0001838	1.92E-04	1.70E-04	6.65E-05	6.12E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.3E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.7E-07
32 W_32	387707.26	3744091.71	387707.26, 3744091.71	8.87132	0.01644	13.63164	9.42785	0.0001405	2.03E-04	1.20E-04	4.94E-05	5.12E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	1.7E-07	1.0E-07	9.3E-08	2.0E-08	3.9E-07
33 W_33	387707.26	3744141.71	387707.26, 3744141.71	6.74521	0.0154	10.26649	7.109	0.0001069	1.90E-04	9.00E-05	3.73E-05	4.24E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	1.4E-07	8.5E-08	7.7E-08	1.7E-08	3.2E-07
34 W_34	387757.26	3743841.71	387757.26, 3743841.71	11.53861	0.00879	127.93125	9.83845	0.0001828	1.08E-04	1.12E-03	5.16E-05	1.46E-03	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	2.0E-08	4.8E-07	2.9E-07	2.7E-07	5.8E-08	1.1E-06
35 W_35	387757.26	3743891.71	387757.26, 3743891.71	15.40687	0.00839	116.76546	14.28365	0.0002441	1.03E-04	1.02E-03	7.49E-05	1.45E-03	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	2.0E-08	4.8E-07	2.9E-07	2.6E-07	5.7E-08	1.1E-06
36 W_36	387757.26	3743941.71	387757.26, 3743941.71	19.59591	0.01564	99.05017	22.85308	0.0003105	1.93E-04	8.69E-04	1.20E-04	1.49E-03	5.2E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	2.0E-08	4.9E-07	3.0E-07	2.7E-07	5.9E-08	1.1E-06
37 W_37	387757.26	3743991.71	387757.26, 3743991.71	19.55865	0.02563	48.18481	27.3262	0.0003099	3.16E-04	4.23E-04	1.43E-04	1.19E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.6E-08	3.9E-07	2.4E-07	2.2E-07	4.7E-08	9.1E-07
38 W_38	387757.26	3744041.71	387757.26, 3744041.71	14.89381	0.02858	24.13246	17.68236	0.000236	3.52E-04	2.12E-04	9.27E-05	8.93E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	2.9E-07	1.8E-07	1.6E-07	3.5E-08	6.8E-07
39 W_39	387757.26	3744091.71	387757.26, 3744091.71	10.61771	0.0258	15.49841	11.86272	0.0001682	3.18E-04	1.36E-04	6.22E-05	6.85E-04	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	9.3E-09	2.2E-07	1.4E-07	1.2E-07	2.7E-08	5.2E-07
40 W_40	387757.26	3744141.71	387757.26, 3744141.71	7.89566	0.02156	11.1745	8.4661	0.0001251	2.66E-04	9.80E-05	4.44E-05	5.33E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	1.8E-07	1.1E-07	9.7E-08	2.1E-08	4.1E-07
41 W_41	387862.1	3744056.02	387862.1, 3744056.02	23.95599	0.04852	18.58342	27.74723	0.0003795	5.98E-04	1.63E-04	1.45E-04	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.7E-08	4.2E-07	2.6E-07	2.3E-07	5.1E-08	9.8E-07
42 W_42	387862.1	3744106.02	387862.1, 3744106.02	15.20358	0.03388	13.33414	16.045	0.0002409	4.18E-04	1.17E-04	8.41E-05	8.60E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
43 W_43	387912.1	3744056.02	387912.1, 3744056.02	31.37863	0.03452	14.80817	30.06582	0.0004971	4.26E-04	1.30E-04	1.58E-04	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	4.0E-07	2.4E-07	2.2E-07	4.8E-08	9.2E-07
44 W_44	387912.1	3744106.02	387912.1, 3744106.02	18.54017	0.0304	11.42883	17.49671	0.0002937	3.75E-04	1.00E-04	9.17E-05	8.61E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
45 W_45	387962.1	3744056.02	387962.1, 3744056.02	35.46993	0.02625	12.26131	30.69025	0.000562	3.24E-04	1.08E-04	1.61E-04	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	3.8E-07	2.3E-07	2.1E-07	4.6E-08	8.8E-07
46 W_46	387962.1	3744106.02	387962.1, 3744106.02	20.47147	0.02196	9.7551	18.05558	0.0003243	2.71E-04	8.56E-05	9.46E-05	7.75E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	2.5E-07	1.5E-07	1.4E-07	3.1E-08	5.9E-07
47 W_47	388012.1	3744056.02	388012.1, 3744056.02	33.2085	0.01712	10.3526	30.34844	0.0005261	2.11E-04	9.08E-05	1.59E-04	9.87E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	3.2E-07	2.0E-07	1.8E-07	3.9E-08	7.5E-07
48 W_48	388012.1	3744106.02	388012.1, 3744106.02	19.68054	0.01499	8.3941	17.97508	0.0003118	1.85E-04	7.36E-05	9.42E-05	6.64E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	9.0E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
49 W_49	388062.1	3744056.02	388062.1, 3744056.02	25.56483	0.01074	8.68735	28.84338	0.000405	1.32E-04	7.62E-05	1.51E-04	7.65E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
50 W_50	388062.1	3744106.02	388062.1, 3744106.02	16.42993	0.0094	7.193	17.09581	0.0002603	1.16E-04	6.31E-05	8.96E-05	5.29E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	1.1E-07	9.6E-08	2.1E-08	4.0E-07
51	387863.31	3744015.45	387863.31, 3744015.45	38.99126	0.05281	25.15831	53.14345	0.0006177	6.51E-04	2.21E-04	2.78E-04	1.77E-03	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	5.8E-07	3.5E-07	3.2E-07	7.0E-08	1.3E-06
52	387913.31	3744015.45	387913.31, 3744015.45	57.0248	0.02914	18.61266	56.33369	0.0009034	3.59E-04	1.63E-04	2.95E-04	1.72E-03	6.0E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	5.7E-07	3.4E-07	3.1E-07	6.8E-08	1.3E-06
53	387963.31	3744015.45	387963.31, 3744015.45	64.85872	0.02016	15.09341	57.41556	0.0010276	2.49E-04	1.32E-04	3.01E-04	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
54	388013.31	3744015.45	388013.31, 3744015.45	58.78231	0.01437	12.56482	56.99136	0.0009313	1.77E-04	1.10E-04	2.99E-04	1.52E-03	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	5.0E-07	3.0E-07	2.7E-07	6.0E-08	1.2E-06
55	388063.31	3744015.45	388063.31, 3744015.45	40.42954	0.0096	10.32587	54.17648	0.0006405	1.18E-04	9.06E-05	2.84E-04	1.13E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.5E-08	3.7E-07	2.3E-07	2.1E-07	4.5E-08	8.6E-07
56	387826.23	3744056.86	387826.23, 3744056.86	19.13776	0.04531	21.32202	23.95126	0.0003032	5.59E-04	1.87E-04	1.26E-04	1.17E-03	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	3.9E-07	2.3E-07	2.1E-07	4.6E-08	9.0E-07
57	387826.23	3744106.86	387826.23, 3744106.86	12.84297	0.03356	14.30952	14.26238	0.0002035	4.14E-04	1.26E-04	7.47E-05	8.18E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.2E-07
58	387827.44	3744016.29	387827.44, 3744016.29	28.54489	0.05824	33.0404	45.12719	0.0004522	7.18E-04	2.90E-04	2.36E-04	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
59 W_51	387689.52	3743645.82	387689.52, 3743645.82	3.37563	0.00541	42.18877	3.1351	5.348E-05	6.67E-05	3.70E-04	1.64E-05	5.07E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	1.7E-07	1.0E-07	9.2E-08	2.0E-08	3.9E-07
60 W_52	387689.52	3743695.82	387689.52, 3743695.82	4.12235	0.00616	42.96662	3.77082	6.531E-05	7.60E-05	3.77E-04	1.98E-05	5.38E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	7.3E-09	1.8E-07	1.1E-07	9.7E-08	2.1E-08	4.1E-07
61 W_53	387689.52	3743745.82	387689.52, 3743745.82	5.15537	0.00667	53.40586	4.59692	8.168E-05	8.23E-05	4.68E-04	2.41E-05	6.56E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.0E-07
62 W_54	387739.52	3743645.82	387739.52, 3743645.82	3.81167	0.00633	29.69695	3.51369	6.039E-05	7.81E-05	2.60E-04	1.84E-05	4.17E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	1.4E-07	8.3E-08	7.6E-08	1.6E-08	3.2E-07
63 W_55	387739.52	3743695.82	387739.52, 3743695.82	4.73894	0.00762	34.82713	4.31055	7.508E-05	9.40E-05	3.05E-04	2.26E-05	4.97E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.8E-09	1.6E-07	9.9E-08	9.0E-08	2.0E-08	3.8E-07
64 W_56	387739.52	3743745.82	387739.52, 3743745.82	6.07358	0.00856	49.4849	5.38496	9.622E-05	1.06E-04	4.34E-04	2.82E-05	6.64E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	9.0E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
65 W_57	387789.52	3743645.82	387789.52, 3743645.82	4.30996	0.00715	26.35587	3.97716	6.828E-05	8.82E-05	2.31E-04	2.08E-05	4.08E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.6E-09	1.3E-07	8.2E-08	7.4E-08	1.6E-08	3.1E-07
66 W_58	387789.52	3743695.82	387789.52, 3743695.82	5.48192	0.00904	34.20965	4.98313	8.685E-05	1.11E-04	3.00E-04	2.61E-05	5.25E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
67 W_59	387789.52	3743745.82	387789.52, 3743745.82	7.23835	0.01078	54.64758	6.39885	0.0001147	1.33E-04	4.79E-04	3.35E-05	7.60E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
68 W_60	387839.52	3743645.82	387839.52, 3743645.82	4.88663	0.00863	26.25924	4.5776	7.742E-05	1.06E-04	2.30E-04	2.40E-05	4.38E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	1.4E-07	8.7E-08	7.9E-08	1.7E-08	3.3E-07
69 W_61	387839.52	3743695.82	387839.52, 3743695.82	6.37007	0.01169	37.04653	5.87851	0.0001009	1.44E-04	3.25E-04	3.08E-05	6.01E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
70 W_62	387839.52	3743745.82	387839.52, 3743745.82	8.70211	0.01618	65.49009	7.8107	0.0001379	2.00E-04	5.74E-04	4.09E-05	9.53E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.3E-08	3.1E-07	1.9E-07	1.7E-07	3.8E-08	7.3E-07
71 W_63	387889.52	3743645.82	387889.52, 3743645.82	5.65703	0.01101	27.35389	5.33377	8.962E-05	1.36E-04	2.40E-04	2.80E-05	4.93E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	1.6E-07	9.8E-08	8.9E-08	1.9E-08	3.8E-07
72 W_64	387889.52	3743695.82	387889.52, 3743695.82	7.57057	0.01631	40.98266	7.03198	0.0001199	2.01E-04	3.59E-04	3.69E-05	7.17E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.8E-09	2.4E-07	1.4E-07	1.3E-07	2.8E-08	5.5E-07
73 W_65	387889.52	3743745.82	387889.52, 3743745.82	10.73385	0.02129	76.21884	9.70416	0.0001701	2.63E-04	6.68E-04	5.09E-05	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	3.8E-07	2.3E-07	2.1E-07	4.5E-08	8.8E-07
74 W_66	387939.52	3743695.82	387939.52, 3743695.82	9.314	0.02023	44.48784	8.42143	0.0001476	2.50E-04	3.90E-04	4.41E-05	8.31E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	2.7E-07	1.7E-07	1.5E-07	3.3E-08	6.3E-07
75 W_67	387939.52	3743745.82	387939.52, 3743745.82	13.8083	0.02045	78.69246	12.1011	0.0002188	2.52E-04	6.90E-04	6.34E-05	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	4.0E-07	2.4E-07	2.2E-07	4.8E-08	9.3E-07
76 W_68	387989.52	3743745.82	387989.52, 3743745.82	17.79466	0.01765	74.91306	15.11131	0.0002819	2.18E-04	6.57E-04	7.92E-05	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.7E-08	4.1E-07	2.5E-07	2.2E-07	4.9E-08	9.4E-07
77	387692.61	3743778.61	387692.61, 3743778.61	6.08368	0.00689	74.15669	5.34188	9.638E-05	8.50E-05	6.50E-04	2.80E-05	8.60E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
78	387742.61	3743778.61	387742.61, 3743778.61	7.35806	0.00876	76.58698	6.38974	0.0001166	1.08E-04	6.72E-04	3.35E-05	9.30E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	3.1E-07	1.9E-07	1.7E-07	3.7E-08	7.1E-07
79	387792.61	3743778.61	387792.61, 3743778.61	9.02421	0.01124	92.80663	7.7766	0.000143	1.39E-04	8.14E-04	4.08E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.5E-08	3.7E-07	2.3E-07	2.1E-07	4.5E-08	8.7E-07
80	387842.61	3743778.61	387842.61, 3743778.61	11.20885	0.02021	124.44481	9.77949	0.0001776	2.49E-04	1.09E-03	5.12E-05	1.57E-03	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	5.2E-07	3.1E-07	2.8E-07	6.2E-08	1.2E-06
81	387892.61	3743778.61	387892.61, 3743778.61	14.37139	0.01544	135.27367	12.54531	0.0002277	1.90E-04	1.19E-03	6.57E-05	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	5.5E-07	3.3E-07	3.0E-07	6.6E-08	1.3E-06
82	387942.61	3743778.61	387942.61, 3743778.61	19.32714	0.0176	129.85237	16.20454	0.0003062	2.17E-04	1.14E-03	8.49E-05	1.75E-03	6.0E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	5.7E-07	3.5E-07	3.2E-07	6.9E-08	1.3E-06
83	387992.61	3743778.61	387992.61, 3743778.61	25.80231	0.01595	121.11548	21.07459	0.0004088	1.97E-04	1.06E-03	1.10E-04	1.78E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	5.8E-07	3.6E-07	3.2E-07	7.0E-08	1.4E-06
84	387654.54	3743692.47	387654.54, 3743692.47	3.70998	0.0052	61.54521	3.40371	5.878E-05	6.41E-05	5.40E-04	1.78E-05	6.81E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.3E-09	2.2E-07	1.4E-07	1.2E-07	2.7E-08	5.2E-07
85	387654.54	3743742.47	387654.54, 3743742.47	4.56017	0.00562	66.12113	4.08337	7.225E-05	6.93E-05	5.80E-04	2.14E-05	7.43E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	2.4E-07	1.5E-07	1.3E-07	2.9E-08	5.7E-07
86 W_69	387705.59	3744244.86	387705.59, 3744244.86	4.3344	0.01196	6.47558	4.36479	6.867E-05	1.48E-04	5.68E-05	2.29E-05	2.96E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	9.7E-08	5.9E-08	5.4E-08	1.2E-08	2.3E-07
87 W_70	387705.59	3744294.86	387705.59, 3744294.86	3.65467	0.01027	5.40155	3.62178	5.79E-05	1.27E-04	4.74E-05	1.90E-05	2.51E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	8.2E-08	5.0E-08	4.5E-08	9.9E-09	1.9E-07
88 W_71	387755.59	3744244.86	387755.59, 3744244.86	4.9235	0.01476	6.79376	4.93763	7.8E-05	1.82E-04	5.96E-05	2.59E-05	3.46E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	1.1E-07	6.9E-08	6.3E-08	1.4E-08	2.6E-07
89 W_72	387755.59	3744294.86	387755.59, 3744294.86	4.07273	0.01226	5.61555	4.03734	6.452E-05	1.51E-04	4.93E-05	2.12E-05	2.86E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	9.4E-08	5.7E-08	5.2E-08	1.1E-08	2.2E-07
90 W_73	387755.59	3744344.86	387755.59, 3744344.86	3.41602	0.01012	4.74086	3.37536	5.412E-05	1.25E-04	4.16E-05	1.77E-05	2.38E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.2E-09	7.8E-08	4.8E-08	4.3E-08	9.4E-09	1.8E-07
91 W_74	387755.59	3744394.86	387755.59, 3744394.86	2.90203	0.00836	4.07038	2.86777	4.598E-05	1.03E-04	3.57E-05	1.50E-05	2.00E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.6E-08	4.0E-08	3.6E-08	7.9E-09	1.5E-07
92 W_75	387805.59	3744294.86	387805.59, 3744294.86	4.5184	0.01364	5.71799	4.48472	7.159E-05	1.68E-04	5.02E-05	2.35E-05	3.13E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.3E-09	1.0E-07	6.3E-08	5.7E-08	1.2E-08	2.4E-07
93 W_76	387805.59	3744344.86	387805.59, 3744344.86	3.72679	0.01111	4.81554	3.69182	5.904E-05	1.37E-04	4.22E-05	1.93E-05	2.58E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.5E-09	8.5E-08	5.1E-08	4.7E-08	1.0E-08	2.0E-07
94 W_77	387805.59	3744394.86	387805.59, 3744394.86	3.12478	0.00906	4.1265	3.09459	4.951E-05	1.12E-04	3.62E-05	1.62E-05	2.14E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	7.0E-08	4.3E-08	3.9E-08	8.4E-09	1.6E-07
95 W_78	387805.59	3744444.86	387805.59, 3744444.86	2.65865	0.00743	3.58598	2.63302	4.212E-05	9.16E-05	3.15E-05	1.38E-05	1.79E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.1E-09	1.4E-07
96 W_79	387805.59	3744494.86	387805.59, 3744494.86	2.29122	0.00612	3.1526	2.26923	3.63E-05	7.55E-05	2.77E-05	1.19E-05	1.51E-04	5.2E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	2.1E-09	5.0E-08	3.0E-08	2.7E-08	6.0E-09	1.2E-07
97 W_80	387805.59	3744544.86	387805.59, 3744544.86	1.99639	0.00508	2.79868	1.97727	3.163E-05	6.27E-05	2.45E-05	1.04E-05	1.29E-04	4.5E-08	1.4E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
98 W_81	387855.59	3744444.86	387855.59, 3744444.86	2.82813	0.00764	3.57024	2.79008	4.481E-05	9.42E-05	3.13E-05	1.46E-05	1.85E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	6.1E-08	3.7E-08	3.3E-08	7.3E-09	1.4E-07
99 W_82	387855.59	3744494.86	387855.59, 3744494.86	2.42026	0.00626	3.14322	2.38833	3.834E-05	7.72E-05	2.76E-05	1.25E-05	1.56E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
100 W_83	387855.59	3744544.86	387855.59, 3744544.86	2.09705	0.00518	2.79341	2.07015	3.322E-05	6.39E-05	2.45E-05	1.08E-05	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
101 W_84	387855.59	3744594.86	387855.59, 3744594.86	1.8365	0.00432	2.50277	1.81345	2.91E-05	5.33E-05	2.20E-05	9.50E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
102 W_85	387905.59	3744544.86	387905.59, 3744544.86	2.19171	0.00514	2.7488	2.151	3.472E-05	6.34E-05	2.41E-05	1.13E-05	1.33E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
103 W_86	387905.59	3744594.86	387905.59, 3744594.86	1.91142	0.00429	2.46929	1.8783	3.028E-05	5.29E-05	2.17E-05	9.84E-06	1.15E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
104 W_87	387905.59	3744644.86	387905.59, 3744644.86	1.68299	0.00361	2.23239	1.65595	2.666E-05	4.45E-05	1.96E-05	8.68E-06	9.94E-05	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
105 W_88	387905.59	3744694.86	387905.59, 3744694.86	1.49499	0.00307	2.02999	1.47257	2.369E-05	3.79E-05	1.78E-05	7.72E-06	8.71E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
106 W_89	387955.59	3744644.86	387955.59, 3744644.86	1.73229	0.00349	2.18179	1.69824	2.744E-05	4.30E-05	1.91E-05	8.90E-06	9.85E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
107 S_1	387463.28	3744230.92	387463.28, 3744230.92	2.86782	0.00283	4.72512	2.84667	4.543E-05	3.49E-05	4.14E-05	1.49E-05	1.37E-04	4.7E-08	1.4E-07	8.3E-08	7.5E-08	3.4E-08	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
108 S_2	387463.28	3744280.92	387463.28, 3744280.92	2.43642	0.0028	4.13392	2.43795	3.86E-05	3.45E-05	3.63E-05	1.28E-05	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
109 S_3	387463.28	3744330.92	387463.28, 3744330.92	2.10219	0.00272	3.65858	2.10515	3.331E-05	3.35E-05	3.21E-05	1.10E-05	1.10E-04	3.8E-08	1.1E-07	6.7E-08	6.0E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.4E-08
110 S_4	387513.28	3744230.92	387513.28, 3744230.92	3.09032	0.00378	5.12115	3.09387	4.896E-05	4.66E-05	4.49E-05	1.62E-05	1.57E-04	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
111 S_5	387513.28	3744280.92	387513.28, 3744280.92	2.61225	0.0037	4.4486	2.62546	4.139E-05	4.56E-05	3.90E-05	1.38E-05	1.40E-04	4.8E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
112 S_6	387513.28	3744330.92	387513.28, 3744330.92	2.26314	0.00354	3.90372	2.2632	3.586E-05	4.37E-05	3.42E-05	1.19E-05	1.26E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
113 S_7	387513.28	3744380.92	387513.28, 3744380.92	2.00665	0.00331	3.45093	1.98782	3.179E-05	4.08E-05	3.03E-05	1.04E-05	1.13E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.6E-08
114 S_8	387513.28	3744430.92	387513.28, 3744430.92	1.80602	0.00305	3.07279	1.77444	2.861E-05	3.76E-05	2.70E-05	9.30E-06	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	3.4E-08	2.0E-08	1.9E-08	4.0E-09	7.8E-08
115 S_9	387513.28	3744480.92	387513.28, 3744480.92	1.63725	0.00277	2.75308	1.60153	2.594E-05	3.42E-05	2.41E-05	8.39E-06	9.26E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.0E-08	1.8E-08	1.7E-08	3.7E-09	7.1E-08
116 S_10	387563.28	3744230.92	387563.28, 3744230.92	3.35002	0.00517	5.56105	3.38248	5.307E-05	6.38E-05	4.88E-05	1.77E-05	1.83E-04	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	6.0E-08	3.7E-08	3.3E-08	7.2E-09	1.4E-07
117 S_11	387563.28	3744280.92	387563.28, 3744280.92	2.83405	0.00496	4.77632	2.85227	4.49E-05	6.12E-05	4.19E-05	1.49E-05	1.63E-04	5.6E-08	1.7E-07	9.9E-08	8.9E-08	4.1E-08	2.2E-09	5.4E-08	3.3E-08	2.9E-08	6.4E-09	1.2E-07
118 S_12	387563.28	3744330.92	387563.28, 3744330.92	2.46559	0.00462	4.14962	2.45518	3.906E-05	5.70E-05	3.64E-05	1.29E-05	1.45E-04	5.0E-08	1.5E-07	8.8E-08	8.0E-08	3.6E-08	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
119 S_13	387563.28	3744380.92	387563.28, 3744380.92	2.18563	0.00422	3.63856	2.15368	3.463E-05	5.20E-05	3.19E-05	1.13E-05	1.30E-04	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.1E-09	9.9E-08
120 S_14	387563.28	3744430.92	387563.28, 3744430.92	1.95637	0.0038	3.21712	1.91587	3.099E-05	4.69E-05	2.82E-05	1.00E-05	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
121 S_15	387563.28	3744480.92	387563.28, 3744480.92	1.75956	0.00339	2.86651	1.71994	2.788E-05	4.18E-05	2.51E-05	9.01E-06	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
122 S_16	387563.28	3744530.92	387563.28, 3744530.92	1.58724	0.00301	2.57242	1.55296	2.515E-05	3.71E-05	2.26E-05	8.14E-06	9.30E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
123 S_17	387563.28	3744580.92	387563.28, 3744580.92	1.43568	0.00267	2.32229	1.40764	2.275E-05	3.29E-05	2.04E-05	7.38E-06	8.34E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
124 S_18	387563.28	3744630.92	387563.28, 3744630.92	1.30257	0.00238	2.10827	1.28013	2.064E-05	2.94E-05	1.85E-05	6.71E-06	7.52E-05	2.6E-08	7.9E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.7E-08
125 S_19	387613.28	3744230.92	387613.28, 3744230.92	3.67681	0.00715	6.02102	3.73475	5.825E-05	8.82E-05	5.28E-05	1.96E-05	2.19E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.6E-09	1.7E-07
126 S_20	387613.28	3744280.92	387613.28, 3744280.92	3.11951	0.00665	5.10528	3.13112	4.942E-05	8.20E-05	4.48E-05	1.64E-05	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
127 S_21	387613.28	3744330.92	387613.28, 3744330.92	2.71147	0.00602	4.38924	2.68477	4.296E-05	7.42E-05	3.85E-05	1.41E-05	1.70E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
128 S_22	387613.28	3744380.92	387613.28, 3744380.92	2.38784	0.00534	3.81853	2.34402	3.783E-05	6.59E-05	3.35E-05	1.23E-05	1.49E-04	5.2E-08	1.6E-07	9.0E-08	8.2E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
129 S_23	387613.28	3744430.92	387613.28, 3744430.92	2.11704	0.00469	3.35653	2.07188	3.354E-05	5.78E-05	2.94E-05	1.09E-05	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
130 S_24	387613.28	3744480.92	387613.28, 3744480.92	1.88491	0.00409	2.97714	1.84575	2.986E-05	5.04E-05	2.61E-05	9.67E-06	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.8E-08
131 S_25	387613.28	3744530.92	387613.28, 3744530.92	1.68481	0.00356	2.66068	1.65327	2.669E-05	4.39E-05	2.33E-05	8.66E-06	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	3.4E-08	2.0E-08	1.9E-08	4.1E-09	7.8E-08
132 S_26	387613.28	3744580.92	387613.28, 3744580.92	1.51246	0.00311	2.39431	1.48765	2.396E-05	3.84E-05	2.10E-05	7.80E-06	9.11E-05	3.2E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
133 S_27	387613.28	3744630.92	387613.28, 3744630.92	1.36378	0.00273	2.16787	1.34428	2.161E-05	3.37E-05	1.90E-05	7.04E-06	8.13E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
134 S_28	387613.28	3744680.92	387613.28, 3744680.92	1.23527	0.00241	1.97395	1.2198	1.957E-05	2.97E-05	1.73E-05	6.39E-06	7.30E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
135 S_29	387663.28	3744330.92	387663.28, 3744330.92	2.99543	0.00766	4.61741	2.95347	4.746E-05	9.45E-05	4.05E-05	1.55E-05	1.98E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.5E-08	4.0E-08	3.6E-08	7.8E-09	1.5E-07
136 S_30	387663.28	3744380.92	387663.28, 3744380.92	2.6063	0.0066	3.98867	2.55716	4.129E-05	8.14E-05	3.50E-05	1.34E-05	1.71E-04	5.9E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.8E-09	1.3E-07
137 S_31	387663.28	3744430.92	387663.28, 3744430.92	2.28301	0.00565	3.48727	2.23949	3.617E-05	6.97E-05	3.06E-05	1.17E-05	1.48E-04	5.1E-08	1.5E-07	9.0E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.8E-09	1.1E-07
138 S_32	387663.28	3744480.92	387663.28, 3744480.92	2.01096	0.00483	3.07967	1.97646	3.186E-05	5.96E-05	2.70E-05	1.04E-05	1.29E-04	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
139 S_33	387663.28	3744530.92	387663.28, 3744530.92	1.78213	0.00413	2.74277	1.75549	2.823E-05	5.09E-05	2.41E-05	9.20E-06	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.6E-08
140 S_34	387663.28	3744580.92	387663.28, 3744580.92	1.58904	0.00355	2.46131	1.56836	2.518E-05	4.38E-05	2.16E-05	8.22E-06	9.88E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
141 S_35	387663.28	3744630.92	387663.28, 3744630.92	1.42514	0.00307	2.22345	1.40879	2.258E-05	3.79E-05	1.95E-05	7.38E-06	8.73E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.7E-08
142 S_36	387663.28	3744680.92	387663.28, 3744680.92	1.28527	0.00267	2.02045	1.27202	2.036E-05	3.29E-05	1.77E-05	6.67E-06	7.77E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
143 S_37	387713.28	3744480.92	387713.28, 3744480.92	2.13877	0.00554	3.16921	2.11116	3.388E-05	6.83E-05	2.78E-05	1.11E-05	1.41E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.6E-08	5.6E-09	1.1E-07
144 S_38	387713.28	3744530.92	387713.28, 3744530.92	1.88086	0.00467	2.81416	1.8595	2.98E-05	5.76E-05	2.47E-05	9.74E-06	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.0E-08	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08

145	S_39	387713.28	3744580.92	387713.28, 3744580.92	1.66707	0.00396	2.51928	1.65	2.641E-05	4.88E-05	2.21E-05	8.65E-06	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
146	S_40	387713.28	3744630.92	387713.28, 3744630.92	1.48795	0.00338	2.27108	1.47383	2.357E-05	4.17E-05	1.99E-05	7.72E-06	9.29E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
147	S_41	387713.28	3744680.92	387713.28, 3744680.92	1.33668	0.00291	2.06036	1.32481	2.118E-05	3.59E-05	1.81E-05	6.94E-06	8.21E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.3E-08
148	S_42	387763.28	3744580.92	387763.28, 3744580.92	1.74766	0.00428	2.56204	1.732	2.769E-05	5.28E-05	2.25E-05	9.08E-06	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.1E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
149	S_43	387763.28	3744630.92	387763.28, 3744630.92	1.55303	0.00362	2.30669	1.53949	2.46E-05	4.46E-05	2.02E-05	8.07E-06	9.76E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.9E-09	7.4E-08
150	S_44	387763.28	3744680.92	387763.28, 3744680.92	1.38996	0.00309	2.09014	1.3781	2.202E-05	3.81E-05	1.83E-05	7.22E-06	8.57E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.5E-08
151	S_45	387813.28	3744680.92	387813.28, 3744680.92	1.44471	0.0032	2.10547	1.43083	2.289E-05	3.95E-05	1.85E-05	7.50E-06	8.83E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
152		387465.01	3744212.81	387465.01, 3744212.81	3.05013	0.00285	4.99481	3.01716	4.832E-05	3.51E-05	4.38E-05	1.58E-05	1.43E-04	5.0E-08	1.5E-07	8.7E-08	7.8E-08	3.6E-08	1.9E-09	4.7E-08	2.9E-08	2.6E-08	5.6E-09	1.1E-07
153		387515.01	3744212.81	387515.01, 3744212.81	3.30551	0.00382	5.42375	3.29949	5.237E-05	4.71E-05	4.76E-05	1.73E-05	1.64E-04	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
154		387565.01	3744212.81	387565.01, 3744212.81	3.59425	0.00526	5.91179	3.62463	5.694E-05	6.49E-05	5.19E-05	1.90E-05	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
155		387615.01	3744212.81	387615.01, 3744212.81	3.94721	0.00736	6.43359	4.01813	6.254E-05	9.08E-05	5.64E-05	2.11E-05	2.31E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.1E-09	7.6E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
156		387436.03	3744192.12	387436.03, 3744192.12	3.08609	0.00244	5.08496	3.02701	4.889E-05	3.01E-05	4.46E-05	1.59E-05	1.39E-04	4.8E-08	1.5E-07	8.4E-08	7.6E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
157	R_1	386968.99	3743502.23	386968.99, 3743502.23	0.81079	0.00077	4.1366	0.77573	1.285E-05	9.50E-06	3.63E-05	4.07E-06	6.27E-05	2.2E-08	6.6E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
158	R_2	386968.99	3743552.23	386968.99, 3743552.23	0.86072	0.00084	4.12458	0.82185	1.364E-05	1.04E-05	3.62E-05	4.31E-06	6.45E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
159	R_3	386968.99	3743602.23	386968.99, 3743602.23	0.90625	0.00092	4.068	0.86522	1.436E-05	1.13E-05	3.57E-05	4.53E-06	6.59E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	9.0E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
160	R_4	386968.99	3743652.23	386968.99, 3743652.23	0.94656	0.00099	3.99543	0.90523	1.5E-05	1.22E-05	3.50E-05	4.74E-06	6.70E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
161	R_5	386968.99	3743702.23	386968.99, 3743702.23	0.98285	0.00102	3.92185	0.94251	1.557E-05	1.26E-05	3.44E-05	4.94E-06	6.75E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.3E-08	1.2E-08	2.7E-09	5.1E-08
162	R_6	386968.99	3743752.23	386968.99, 3743752.23	1.01912	0.00102	3.85291	0.97933	1.615E-05	1.26E-05	3.38E-05	5.13E-06	6.77E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
163	R_7	386968.99	3743802.23	386968.99, 3743802.23	1.06176	0.00099	3.78872	1.01995	1.682E-05	1.22E-05	3.32E-05	5.34E-06	6.76E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.3E-08	1.2E-08	2.7E-09	5.2E-08
164	R_8	386968.99	3743852.23	386968.99, 3743852.23	1.11522	0.00095	3.72011	1.06803	1.767E-05	1.17E-05	3.26E-05	5.60E-06	6.76E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.3E-08	1.2E-08	2.7E-09	5.2E-08
165	R_9	386968.99	3743902.23	386968.99, 3743902.23	1.17797	0.00091	3.63548	1.12375	1.866E-05	1.12E-05	3.19E-05	5.89E-06	6.77E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
166	R_10	386968.99	3743952.23	386968.99, 3743952.23	1.24113	0.00089	3.52707	1.18162	1.966E-05	1.10E-05	3.09E-05	6.19E-06	6.78E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
167	R_11	386968.99	3744002.23	386968.99, 3744002.23	1.29248	0.00087	3.39378	1.23185	2.048E-05	1.07E-05	2.98E-05	6.46E-06	6.74E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.3E-08	1.2E-08	2.7E-09	5.1E-08
168	R_12	386968.99	3744052.23	386968.99, 3744052.23	1.32366	0.00085	3.24008	1.26573	2.097E-05	1.05E-05	2.84E-05	6.63E-06	6.65E-05	2.3E-08	7.0E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
169	R_13	386968.99	3744102.23	386968.99, 3744102.23	1.33387	0.00081	3.07126	1.28025	2.113E-05	9.99E-06	2.69E-05	6.71E-06	6.48E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	4.9E-08
170	R_14	386968.99	3744152.23	386968.99, 3744152.23	1.32752	0.00076	2.89001	1.27791	2.103E-05	9.37E-06	2.53E-05	6.70E-06	6.24E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.1E-08	1.2E-08	1.1E-08	2.5E-09	4.8E-08
171	R_15	387018.99	3743502.23	387018.99, 3743502.23	0.85692	0.0008	4.69861	0.81904	1.358E-05	9.87E-06	4.12E-05	4.29E-06	6.89E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	2.3E-08	1.4E-08	1.2E-08	2.7E-09	5.3E-08
172	R_16	387018.99	3743552.23	387018.99, 3743552.23	0.91534	0.00089	4.63832	0.87242	1.45E-05	1.10E-05	4.07E-05	4.57E-06	7.07E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
173	R_17	387018.99	3743602.23	387018.99, 3743602.23	0.96962	0.00098	4.55417	0.92348	1.536E-05	1.21E-05	3.99E-05	4.84E-06	7.22E-05	2.5E-08	7.5E-08	4.4E-08	4.0E-08	1.8E-08	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.9E-09	5.5E-08
174	R_18	387018.99	3743652.23	387018.99, 3743652.23	1.01814	0.00106	4.46249	0.97113	1.613E-05	1.31E-05	3.91E-05	5.09E-06	7.34E-05	2.5E-08	7.7E-08	4.4E-08	4.0E-08	1.8E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
175	R_19	387018.99	3743702.23	387018.99, 3743702.23	1.06129	0.00111	4.36699	1.0153	1.681E-05	1.37E-05	3.83E-05	5.32E-06	7.41E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
176	R_20	387018.99	3743752.23	387018.99, 3743752.23	1.10304	0.00112	4.27382	1.05803	1.748E-05	1.38E-05	3.75E-05	5.54E-06	7.43E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
177	R_21	387018.99	3743802.23	387018.99, 3743802.23	1.15114	0.00109	4.18806	1.10422	1.824E-05	1.34E-05	3.67E-05	5.79E-06	7.42E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
178	R_22	387018.99	3743852.23	387018.99, 3743852.23	1.21125	0.00104	4.10001	1.15829	1.919E-05	1.28E-05	3.60E-05	6.07E-06	7.40E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
179	R_23	387018.99	3743902.23	387018.99, 3743902.23	1.28235	0.00099	3.99568	1.22117	2.032E-05	1.22E-05	3.50E-05	6.40E-06	7.40E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
180	R_24	387018.99	3743952.23	387018.99, 3743952.23	1.35408	0.00097	3.86445	1.28678	2.145E-05	1.20E-05	3.39E-05	6.74E-06	7.41E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
181	R_25	387018.99	3744002.23	387018.99, 3744002.23	1.41139	0.00095	3.70351	1.34315	2.236E-05	1.17E-05	3.25E-05	7.04E-06	7.36E-05	2.5E-08	7.7E-08	4.5E-08	4.0E-08	1.8E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
182	R_26	387018.99	3744052.23	387018.99, 3744052.23	1.44487	0.00092	3.51908	1.3802	2.289E-05	1.13E-05	3.09E-05	7.23E-06	7.23E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.9E-09	5.5E-08
183	R_27	387018.99	3744102.23	387018.99, 3744102.23	1.45401	0.00087	3.31706	1.39458	2.304E-05	1.07E-05	2.91E-05	7.31E-06	7.02E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.8E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
184	R_28	387018.99	3744152.23	387018.99, 3744152.23	1.44407	0.00081	3.10041	1.38936	2.288E-05	9.99E-06	2.72E-05	7.28E-06	6.73E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.3E-08	1.2E-08	2.7E-09	5.1E-08
185	R_29	387068.99	3743502.23	387068.99, 3743502.23	0.90606	0.00085	5.38144	0.86536	1.435E-05	1.05E-05	4.72E-05	4.53E-06	7.66E-05	2.7E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
186	R_30	387068.99	3743552.23	387068.99, 3743552.23	0.97411	0.00094	5.25959	0.92685	1.543E-05	1.16E-05	4.61E-05	4.86E-06	7.80E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
187	R_31	387068.99	3743602.23	387068.99, 3743602.23	1.03893	0.00104	5.14742	0.98699	1.646E-05	1.28E-05	4.51E-05	5.17E-06	7.96E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.1E-08
188	R_32	387068.99	3743652.23	387068.99, 3743652.23	1.09761	0.00113	5.02851	1.04387	1.739E-05	1.39E-05	4.41E-05	5.47E-06	8.09E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
189	R_33	387068.99	3743702.23	387068.99, 3743702.23	1.14941	0.0012	4.898	1.09663	1.821E-05	1.48E-05	4.30E-05	5.75E-06	8.17E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
190	R_34	387068.99	3743752.23	387068.99, 3743752.23	1.19838	0.00122	4.77051	1.14705	1.899E-05	1.50E-05	4.18E-05	6.01E-06	8.19E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
191	R_35	387068.99	3743802.23	387068.99, 3743802.23	1.25314	0.0012	4.6564	1.20019	1.985E-05	1.48E-05	4.08E-05	6.29E-06	8.18E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
192	R_36	387068.99	3743852.23	387068.99, 3743852.23	1.32115	0.00114	4.5444	1.26144	2.093E-05	1.41E-05	3.99E-05	6.61E-06	8.15E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
193	R_37	387068.99	3743902.23	387068.99, 3743902.23	1.40232	0.00109	4.41575	1.33294	2.222E-05	1.34E-05	3.87E-05	6.99E-06	8.14E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
194	R_38	387068.99	3743952.23	387068.99, 3743952.23	1.48428	0.00107	4.25504	1.4078	2.352E-05	1.32E-05	3.73E-05	7.38E-06	8.14E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
195	R_39	387068.99	3744002.23	387068.99, 3744002.23	1.54898	0.00104	4.05944	1.47182	2.454E-05	1.28E-05	3.56E-05	7.71E-06	8.07E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
196	R_40	387068.99	3744052.23	387068.99, 3744052.23	1.58486	0.001	3.83569	1.51244	2.511E-05	1.23E-05	3.36E-05	7.93E-06	7.90E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
197	R_41	387068.99	3744102.23	387068.99, 3744102.23	1.5921	0.00094	3.59132	1.5261	2.522E-05	1.16E-05	3.15E-05	8.00E-06	7.63E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
198	R_42	387068.99	3744152.23	387068.99, 3744152.23	1.57699	0.00087	3.33023	1.51662	2.498E-05	1.07E-05	2.92E-05	7.95E-06	7.29E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
199	R_43	387118.99	3743502.23	387118.99, 3743502.23	0.95882	0.0009	6.22884	0.91537	1.519E-05	1.11E-05	5.46E-05	4.80E-06	8.57E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.5E-08
200	R_44	387118.99	3743552.23	387118.99, 3743552.23	1.03779	0.001	6.04075	0.98594	1.644E-05	1.23E-05	5.30E-05	5.17E-06	8.69E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
201	R_45	387118.99	3743602.23	387118.99, 3743602.23	1.11496	0.00111	5.88929	1.05649	1.766E-05	1.37E-05	5.17E-05	5.54E-06	8.85E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
202	R_46	387118.99	3743652.23	387118.99, 3743652.23	1.1863	0.00123	5.72343	1.1246	1.879E-05	1.52E-05	5.02E-05	5.89E-06	9.01E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
203	R_47	387118.99	3743702.23	387118.99, 3743702.23	1.24926	0.00132	5.5379	1.18817	1.979E-05	1.63E-05	4.86E-05	6.23E-06	9.09E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
204	R_48	387118.99	3743752.23	387118.99, 3743752.23	1.30751	0.00135	5.36254	1.24844	2.071E-05	1.66E-05	4.70E-05	6.54E-06	9.09E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
205	R_49	387118.99	3743802.23	387118.99, 3743802.23	1.37063	0.00133	5.21321	1.31041	2.171E-05	1.64E-05	4.57E-05	6.87E-06	9.07E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
206	R_50	387118.99	3743852.23	387118.99, 3743852.23	1.44832	0.00127	5.07219	1.38059	2.295E-05	1.57E-05	4.45E-05	7.23E-06	9.03E-05	3.1E-08	9.4E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
207	R_51	387118.99	3743902.23	387118.99, 3743902.23	1.54158	0.00121	4.91148	1.46244	2.442E-05	1.49E-05	4.31E-05	7.66E-06	9.01E-05	3.1E-08	9.4E-08	5.5E-08	4.9E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
208	R_52	387118.99	3743952.23	387118.99, 3743952.23	1.63594	0.00118	4.71167	1.54853	2.592E-05	1.46E-05	4.13E-05	8.11E-06	8.99E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.5E-09	6.9E-08
209	R_53	387118.99	3744002.23	387118.99, 3744002.23	1.70927	0.00115	4.47046	1.62167	2.708E-05	1.42E-05	3.92E-05	8.50E-06	8.90E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
210	R_54	387118.99	3744052.23	387118.99, 3744052.23	1.74775	0.0011	4.19642	1.66644	2.769E-05	1.36E-05	3.68E-05	8.73E-06	8.68E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
211	R_55	387118.99	3744102.23	387118.99, 3744102.23	1.75193	0.00103	3.89786	1.67853	2.776E-05	1.27E-05	3.42E-05	8.80E-06	8.34E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
212	R_56	387118.99	3744152.23	387118.99, 3744152.23	1.72946	0.00095	3.58123	1.66291	2.74E-05	1.17E-05	3.14E-05	8.71E-06	7.92E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
213	R_57	387168.99	3743502.23	387168.99, 3743502.23	1.01469	0.00097	7.33238	0.96879	1.608E-05	1.20E-05	6.43E-05	5.08E-06	9.74E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.8E-09	7.4E-08
214	R_58	387168.99	3743552.23	387168.99, 3743552.23	1.106	0.00107	7.05173	1.04952	1.752E-05	1.32E-05	6.18E-05	5.50E-06	9.81E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.5E-08	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
215	R_59	387168.99	3743602.23	387168.99, 3743602.23	1.19823	0.00119	6.83118	1.13252	1.898E-05	1.47E-05	5.99E-05	5.93E-06	9.95E-05	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
216	R_60	387168.99	3743652.23	387168.99, 3743652.23	1.28508	0.00133	6.58239	1.21403	2.036E-05	1.64E-05	5.77E-05	6.36E-06	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
217	R_61	387168.99	3743702.23	387168.99, 3743702.23	1.36265	0.00144	6.31546	1.29135	2.159E-05	1.78E-05	5.54E-05	6.77E-06	1.02E-04	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
218	R_62	387168.99	3743752.23	387168.99, 3743752.23	1.43305	0.0015	6.077	1.36437	2.27E-05	1.85E-05	5.33E-05	7.15E-06	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
219	R_63	387168.99	3743802.23	387168.99, 3743802.23	1.50697	0.00149	5.88543	1.43789	2.387E-05	1.84E-05	5.16E-05	7.54E-06	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
220	R_64	387168.99	3743852.23	387168.99, 3743852.23	1.59643	0.00142	5.70667	1.51914	2.529E-05	1.75E-05	5.01E-05	7.96E-06	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
221	R_65	387168.99	3743902.23	387168.99, 3743902.23	1.70458	0.00136	5.50243	1.61373	2.701E-05	1.68E-05	4.83E-05	8.46E-06	1.00E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
222	R_66	387168.99	3743952.23	387168.99, 3743952.23	1.81426	0.00132	5.25013	1.71374	2.874E-05	1.63E-05	4.60E-05	8.98E-06	1.00E-04	3.5E-08	1.0E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
223	R_67	387168.99	3744002.23	387168.99, 3744002.23	1.89786	0.00128	4.94874	1.798	3.007E-05	1.58E-05	4.34E-05	9.42E-06	9.87E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
224	R_68	387168.99	3744052.23	387168.99, 3744052.23	1.93886	0.00122	4.6092	1.84739	3.072E-05	1.50E-05	4.04E-05	9.68E-06	9.59E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
225	R_69	387168.99	3744102.23	387168.99, 3744102.23	1.93851	0.00113	4.24136	1.85686	3.071E-05	1.39E-05	3.72E-05	9.73E-06	9.16E-05	3.2E-08	9.6E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
226	R_70	387168.99	3744152.23	387168.99, 3744152.23	1.90499	0.00104	3.8548	1.83184	3.018E-05	1.28E-05	3.38E-05	9.60E-06	8.64E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
227	R_71	387218.99	3743502.23	387218.99, 3743502.23	1.0745	0.00105	8.84878	1.02651	1.702E-05	1.29E-05	7.76E-05	5.38E-06	1.13E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.0E-08	4.5E-09	8.6E-08
228	R_72	387218.99	3743552.23	387218.99, 3743552.23	1.17936	0.00116	8.39604	1.11839	1.868E-05	1.43E-05	7.36E-05	5.86E-06	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.6E-08
229	R_73	387218.99	3743602.23	387218.99, 3743602.23	1.28918	0.00129	8.0459	1.21566	2.042E-05	1.59E-05	7.06E-05	6.37E-06	1.13E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.6E-08
230	R_74	387218.99	3743652.23	387218.99, 3743652.23	1.39527	0.00145	7.65901	1.31327	2.211E-05	1.79E-05	6.72E-05	6.88E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
231	R_75	387218.99	3743702.23	387218.99, 3743702.23	1.4917	0.00159	7.2737	1.40781	2.363E-05	1.96E-05	6.38E-05	7.38E-06	1.14E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
232	R_76	387218.99	3743752.23	387218.99, 3743752.23	1.57843	0.00168	6.95542	1.49762	2.501E-05	2.07E-05	6.10E-05	7.85E-06	1.15E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
233	R_77	387218.99	3743802.23	387218.99, 3743802.23	1.66617	0.00168	6.70991	1.58616	2.64E-05	2.07E-05	5.89E-05	8.31E-06	1.14E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
234	R_78	387218.99	3743852.23	387218.99, 3743852.23	1.77077	0.00161	6.48129	1.68193	2.805E-05	1.99E-05	5.68E-05	8.81E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
235	R_79	387218.99	3743902.23	387218.99, 3743902.23	1.89752	0.00153	6.21591	1.7925	3.006E-05	1.89E-05	5.45E-05	9.39E-06	1.13E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.0E-08	4.5E-09	8.6E-08
236	R_80	387218.99	3743952.23	387218.99, 3743952.23	2.02628	0.00148	5.89185	1.90994	3.21E-05	1.83E-05	5.17E-05	1.00E-05	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.1E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
237	R_81	387218.99	3744002.23	387218.99, 3744002.23	2.12232	0.00144	5.51041	2.008	3.362E-05	1.78E-05	4.83E-05	1.05E-05	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
238	R_82	387218.99	3744052.23	387218.99, 3744052.23	2.16527	0.00135	5.08402	2.06227	3.43E-05	1.66E-05	4.46E-05	1.08E-05	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
239	R_83	387218.99	3744102.23	387218.99, 3744102.23	2.15742	0.00125	4.62588	2.06678	3.418E-05	1.54E-05	4.06E-05	1.08E-05	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
240	R_84	387218.99	3744152.23	387218.99, 3744152.23	2.10745	0.00115	4.15221	2.0276	3.339E-05	1.42E-05	3.64E-05	1.06E-05	9.46E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
241	R_85	387268.99	3743502.23	387268.99, 3743502.23	1.13905	0.00115	10.98373	1.08939	1.805E-05	1.42E-05	9.63E-05	5.71E-06	1.34E-04	4.6E-08	1.4E-07	8.1E-08	7.4E-08	3.4E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
242	R_86	387268.99	3743552.23	387268.99, 3743552.23	1.25815	0.00126	10.21934	1.19312	1.993E-05	1.55E-05	8.96E-05	6.25E-06	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
243	R_87	387268.99	3743602.23	387268.99, 3743602.23	1.3882	0.00141	9.64627	1.30657	2.199E-05	1.74E-05	8.46E-05	6.85E-06	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
244	R_88	387268.99	3743652.23	387268.99, 3743652.23	1.51826	0.00159	9.03364	1.42365	2.405E-05	1.96E-05	7.92E-05	7.46E-06	1.30E-04	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.1E-09	9.9E-08
245	R_89	387268.99	3743702.23	387268.99, 3743702.23	1.6393	0.00177	8.4802	1.53984	2.597E-05	2.18E-05	7.44E-05	8.07E-06	1.30E-04	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.1E-09	9.9E-08
246	R_90	387268.99	3743752.23	387268.99, 3743752.23	1.74813	0.00189	8.06049	1.65175	2.77E-05	2.33E-05	7.07E-05	8.66E-06	1.30E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.1E-09	9.9E-08
247	R_91	387268.99	3743802.23	387268.99, 3743802.23	1.85427	0.00191	7.74245	1.76041	2.938E-05	2.36E-05	6.79E-05	9.23E-06	1.30E-04	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.1E-09	9.9E-08
248	R_92	387268.99	3743852.23	387268.99, 3743852.23	1.97801	0.00183	7.4407	1.87505	3.134E-05	2.26E-05	6.53E-05	9.83E-06	1.29E-04	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
249	R_93	387268.99	3743902.23	387268.99, 3743902.23	2.12825	0.00174	7.08779	2.00596	3.372E-05	2.15E-05	6.22E-05	1.05E-05	1.28E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.0E-09	9.7E-08
250	R_94	387268.99	3743952.23	387268.99, 3743952.23	2.28126	0.00169	6.66545	2.14571	3.614E-05	2.08E-05	5.85E-05	1.12E-05	1.27E-04	4.4E-08	1.3E-07	7.7E-08	6.9E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
251	R_95	387268.99	3744002.23	387268.99, 3744002.23	2.3926	0.00162	6.17609	2.26129	3.791E-05	2.00E-05	5.42E-05	1.19E-05	1.24E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.4E-08
252	R_96	387268.99	3744052.23	387268.99, 3744052.23	2.43634	0.00152	5.63277	2.32049	3.86E-05	1.87E-05	4.94E-05	1.22E-05	1.19E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
253	R_97	387268.99	3744102.23	387268.99, 3744102.23	2.41626	0.0014	5.0564	2.31618	3.828E-05	1.73E-05	4.43E-05	1.21E-05	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.1E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
254	R_98	387268.99	3744152.23	387268.99, 3744152.23	2.34133	0.0013	4.47516	2.2552	3.709E-05	1.60E-05	3.93E-05	1.18E-05	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
255	R_99	387318.99	3743552.23	387318.99, 3743552.23	1.34517	0.0014	12.8254	1.2765	2.131E-05	1.73E-05	1.12E-04	6.69E-06	1.58E-04	5.5E-08	1.6E-07	9.5E-08	8.7E-08	3.9E-08	2.1E-09	5.2E-08	3.1E-08	2.9E-08	6.2E-09	1.2E-07
256	R_10	387318.99	3743602.23	387318.99, 3743602.23	1.49656	0.00155	11.82966	1.40687	2.371E-05	1.91E-05	1.04E-04	7.37E-06	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
257	R_10	387318.99	3743652.23	387318.99, 3743652.23	1.65482	0.00175	10.8176	1.54612	2.622E-05	2.16E-05	9.49E-05	8.10E-06	1.51E-04	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	2.1E-09	5.0E-08	3.0E-08	2.7E-08	6.0E-09	1.1E-07
258	R_10	387318.99	3743702.23	387318.99, 3743702.23	1.80813	0.00197	10.03277	1.68951	2.865E-05	2.43E-05	8.80E-05	8.85E-06	1.50E-04	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
259	R_10	387318.99	3743752.23	387318.99, 3743752.23	1.94723	0.00215	9.48193	1.83064	3.085E-05	2.65E-05	8.32E-05	9.59E-06	1.50E-04	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.8E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
260	R_10	387318.99	3743802.23	387318.99, 3743802.23	2.07896	0.00219	9.06383	1.96717	3.294E-05	2.70E-05	7.95E-05	1.03E-05	1.50E-04	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
261	R_10	387318.99	3743852.23	387318.99, 3743852.23	2.22738	0.00211	8.65164	2.10692	3.529E-05	2.60E-05	7.59E-05	1.10E-05	1.48E-04	5.1E-08	1.5E-07	9.0E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
262	R_10	387318.99	3743902.23	387318.99, 3743902.23	2.40784	0.002	8.17187	2.26431	3.815E-05	2.47E-05	7.17E-05	1.19E-05	1.46E-04	5.1E-08	1.5E-07	8.9E-08	8.0E-08	3.7E-08	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.8E-09	1.1E-07
263	R_10	387318.99	3743952.23	387318.99, 3743952.23	2.59185	0.00193	7.61077	2.43292	4.106E-05	2.38E-05	6.68E-05	1.27E-05	1.44E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	2.0E-09	4.7E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
264	R_10	387318.99	3744002.23	387318.99, 3744002.23	2.72193	0.00185	6.9717	2.57095	4.312E-05	2.28E-05	6.11E-05	1.35E-05	1.41E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
265	R_10	387318.99	3744052.23	387318.99, 3744052.23	2.76503	0.00172	6.27019	2.63534	4.381E-05	2.12E-05	5.50E-05	1.38E-05	1.34E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
266	R_11	387318.99	3744102.23	387318.99, 3744102.23	2.72492	0.0016	5.53866	2.61562	4.317E-05	1.97E-05	4.86E-05	1.37E-05	1.25E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	4.9E-09	9.5E-08
267	R_11	387318.99	3744152.23	387318.99, 3744152.23	2.61149	0.00151	4.82645	2.52041	4.137E-05	1.86E-05	4.23E-05	1.32E-05	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.8E-08
268	R_11	387368.99	3743652.23	387368.99, 3743652.23	1.80972	0.00195	13.26691	1.68539	2.867E-05	2.40E-05	1.16E-04	8.83E-06	1.78E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.4E-09	5.8E-08	3.6E-08	3.2E-08	7.0E-09	1.4E-07
269	R_11	387368.99	3743702.23	387368.99, 3743702.23	2.00276	0.00221	12.10931	1.8607	3.173E-05	2.73E-05	1.06E-04	9.75E-06	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.7E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
270	R_11	387368.99	3743752.23	387368.99, 3743752.23	2.18251	0.00245	11.36887	2.03935	3.458E-05	3.02E-05	9.97E-05	1.07E-05	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.8E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
271	R_11	387368.99	3743802.23	387368.99, 3743802.23	2.3497	0.00254	10.80099	2.21411	3.723E-05	3.13E-05	9.47E-05	1.16E-05	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.7E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
272	R_11	387368.99	3743852.23	387368.99, 3743852.23	2.53134	0.00245	10.22014	2.38885	4.01E-05	3.02E-05	8.96E-05	1.25E-05	1.72E-04	6.0E-08	1.8E-07	1.0E-07	9.5E-08	4.3E-08	2.3E-09	5.7E-08	3.4E-08	3.1E-08	6.8E-09	1.3E-07
273	R_11	387368.99	3743902.23	387368.99, 3743902.23	2.75188	0.00232	9.55076	2.58203	4.36E-05	2.86E-05	8.38E-05	1.35E-05	1.70E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
274	R_11	387368.99	3743952.23	387368.99, 3743952.23	2.97698	0.00222	8.78726	2.78952	4.716E-05	2.74E-05	7.71E-05	1.46E-05	1.66E-04	5.8E-08	1.7E-07	1.0E-07	9.1E-08	4.2E-08	2.3E-09	5.5E-08	3.3E-08	3.0E-08	6.6E-09	1.3E-07
275	R_11	387368.99	3744002.23	387368.99, 3744002.23	3.12966	0.00212	7.93231	2.95642	4.958E-05	2.61E-05	6.96E-05	1.55E-05	1.61E-04	5.6E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
276	W_9	387357.3	3743511.78	387357.3, 3743511.78	1.29537	0.00142	16.7688	1.24014	2.052E-05	1.75E-05	1.47E-04	6.50E-06	1.92E-04	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
277	W_9	387407.3	3743561.78	387407.3, 3743561.78	1.55441	0.00176	21.95439	1.47608	2.463E-05	2.17E-05	1.93E-04	7.74E-06	2.47E-04	8.5E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	8.1E-08	4.9E-08	4.5E-08	9.7E-09	1.9E-07
278	W_9	387407.3	3743611.78	387407.3, 3743611.78	1.75726	0.00195	18.05958	1.64837	2.784E-05	2.40E-05	1.58E-04	8.64E-06	2.19E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.6E-09	1.7E-07
279	W_9	387453.88	3743868.51	387453.88, 3743868.51	3.32923	0.00315	13.8858	3.12466	5.275E-05	3.88E-05	1.22E-04	1.64E-05	2.30E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.1E-09	7.5E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
280	W_9	387453.88	3743918.51	387453.88, 3743918.51	3.66715	0.00296	12.52125	3.42482	5.81E-05	3.65E-05	1.10E-04	1.79E-05	2.22E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	3.0E-09	7.3E-08	4.4E-08	4.0E-08	8.8E-09	1.7E-07
281	W_9	387453.88	3743968.51	387453.88, 3743968.51	3.97083	0.00283	11.09316	3.72759	6.291E-05	3.49E-05	9.73E-05	1.95E-05	2.15E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	7.1E-08	4.3E-08	3.9E-08	8.5E-09	1.6E-07
282	W_9	387453.88	3744018.51	387453.88, 3744018.51	4.11052	0.0027	9.58637	3.91652	6.512E-05	3.33E-05	8.41E-05	2.05E-05	2.03E-04	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.8E-09	6.7E-08	4.1E-08	3.7E-08	8.0E-09	1.5E-07
283	W_9	387453.88	3744068.51	387453.88, 3744068.51	4.04829	0.00261	8.08406	3.90533	6.414E-05	3.22E-05	7.09E-05	2.05E-05	1.88E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	6.2E-08	3.7E-08	3.4E-08	7.4E-09	1.4E-07
284	W_9	387503.88	3743968.51	387503.88, 3743968.51	4.76455	0.00334	13.24142	4.48461	7.548E-05	4.12E-05	1.16E-04	2.35E-05	2.56E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.5E-09	8.4E-08	5.1E-08	4.6E-08	1.0E-08	2.0E-07
285	W_9	387503.88	3744018.51	387503.88, 3744018.51	4.9081	0.00324	11.09863	4.70979	7.776E-05	4.00E-05	9.73E-05	2.47E-05	2.40E-04	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.3E-09	7.9E-08	4.8E-08	4.3E-08	9.5E-09	1.8E-07
286	W_1	387503.88	3744068.51	387503.88, 3744068.51	4.7564	0.00327	9.07527	4.62632	7.536E-05	4.03E-05	7.96E-05	2.42E-05	2.20E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.7E-09	1.7E-07
287	W_1	387503.88	3744118.51	387503.88, 3744118.51	4.34725	0.00339	7.39511	4.2578	6.887E-05	4.18E-05	6.49E-05	2.23E-05	1.98E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.5E-08	4.0E-08	3.6E-08	7.8E-09	1.5E-07
288	W_1	387553.88	3744068.51	387553.88, 3744068.51	5.66392	0.00431	10.26255	5.57899	8.973E-05	5.32E-05	9.00E-05	2.92E-05	2.62E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	8.6E-08	5.2E-08	4.7E-08	1.0E-08	2.0E-07
289	W_1	387553.88	3744118.51	387553.88, 3744118.51	4.98667	0.00461	8.18453	4.93513	7.9E-05	5.69E-05	7.18E-05	2.59E-05	2.34E-04	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.2E-09	7.7E-08	4.7E-08	4.2E-08	9.2E-09	1.8E-07
290	R_12	387015.27	3744263.55	387015.27, 3744263.55	1.36211	0.00068	2.57188	1.31765	2.158E-05	8.39E-06	2.26E-05	6.91E-06	5.94E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	2.0E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
291	R_12	387015.27	3744313.55	387015.27, 3744313.55	1.30246	0.00064	2.34222	1.26485	2.063E-05	7.89E-06	2.05E-05	6.63E-06	5.57E-05	1.9E-08	5.8E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
292	R_12	387015.27	3744363.55	387015.27, 3744363.55	1.22397	0.00062	2.12828	1.19505	1.939E-05	7.65E-06	1.87E-05	6.26E-06	5.20E-05	1.8E-08	5.4E-08	3.1E-08	2.9E-08	1.3E-08	7.1E-10	1.7E-08	1.0E-08	9.4E-09	2.1E-09	4.0E-08
293	R_12	387015.27	3744413.55	387015.27, 3744413.55	1.13052	0.0006	1.93857	1.11088	1.791E-05	7.40E-06	1.70E-05	5.82E-06	4.81E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
294	R_12	387015.27	3744463.55	387015.27, 3744463.55	1.03061	0.00059	1.77685	1.01916	1.633E-05	7.28E-06	1.56E-05	5.34E-06	4.45E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	6.1E-10	1.5E-08	8.9E-09	8.1E-09	1.8E-09	3.4E-08
295	R_12	387015.27	3744513.55	387015.27, 3744513.55	0.93349	0.00058	1.6416	0.92778	1.479E-05	7.15E-06	1.44E-05	4.86E-06	4.12E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	1.4E-08	8.2E-09	7.5E-09	1.6E-09	3.1E-08
296	R_12	387015.27	3744563.55	387015.27, 3744563.55	0.8466	0.00058	1.52847	0.84367	1.341E-05	7.15E-06	1.34E-05	4.42E-06	3.84E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	1.3E-08	7.7E-09	6.9E-09	1.5E-09	2.9E-08
297	R_12	387015.27	3744613.55	387015.27, 3744613.55	0.7735	0.00058	1.43211	0.77078	1.225E-05	7.15E-06	1.26E-05	4.04E-06	3.60E-05	1.2E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.7E-08
298	R_12	387015.27	3744663.55	387015.27, 3744663.55	0.71452	0.00058	1.34792	0.71034	1.132E-05	7.15E-06	1.18E-05	3.72E-06	3.40E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.5E-09	4.6E-10	1.1E-08	6.8E-09	6.2E-09	1.3E-09	2.6E-08

299	R_12	387015.27	3744713.55	387015.27, 3744713.55	0.66755	0.00057	1.27242	0.66126	1.058E-05	7.03E-06	1.12E-05	3.47E-06	3.22E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	1.1E-08	6.4E-09	5.8E-09	1.3E-09	2.5E-08
300	R_13	387015.27	3744763.55	387015.27, 3744763.55	0.62965	0.00057	1.20335	0.62139	9.976E-06	7.03E-06	1.06E-05	3.26E-06	3.08E-05	1.1E-08	3.2E-08	1.9E-08	1.7E-08	7.7E-09	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.3E-08
301	R_13	387015.27	3744813.55	387015.27, 3744813.55	0.59805	0.00057	1.13938	0.58838	9.475E-06	7.03E-06	9.99E-06	3.08E-06	2.96E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.4E-09	4.0E-10	9.7E-09	5.9E-09	5.4E-09	1.2E-09	2.3E-08
302	R_13	387015.27	3744863.55	387015.27, 3744863.55	0.57052	0.00056	1.07971	0.56014	9.039E-06	6.91E-06	9.47E-06	2.94E-06	2.84E-05	9.8E-09	3.0E-08	1.7E-08	1.6E-08	7.1E-09	3.9E-10	9.3E-09	5.7E-09	5.1E-09	1.1E-09	2.2E-08
303	R_13	387065.27	3744263.55	387065.27, 3744263.55	1.46861	0.00074	2.70884	1.42157	2.327E-05	9.13E-06	2.38E-05	7.45E-06	6.36E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.8E-08
304	R_13	387065.27	3744313.55	387065.27, 3744313.55	1.39026	0.0007	2.44958	1.3522	2.203E-05	8.63E-06	2.15E-05	7.09E-06	5.92E-05	2.1E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.1E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
305	R_13	387065.27	3744363.55	387065.27, 3744363.55	1.29122	0.00067	2.21614	1.26376	2.046E-05	8.26E-06	1.94E-05	6.62E-06	5.48E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	1.8E-08	1.1E-08	9.9E-09	2.2E-09	4.2E-08
306	R_13	387065.27	3744413.55	387065.27, 3744413.55	1.17914	0.00066	2.01549	1.16207	1.868E-05	8.14E-06	1.77E-05	6.09E-06	5.06E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
307	R_13	387065.27	3744463.55	387065.27, 3744463.55	1.06569	0.00065	1.84815	1.05676	1.688E-05	8.02E-06	1.62E-05	5.54E-06	4.66E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.3E-10	1.5E-08	9.3E-09	8.4E-09	1.8E-09	3.6E-08
308	R_13	387065.27	3744513.55	387065.27, 3744513.55	0.96098	0.00065	1.70934	0.95682	1.522E-05	8.02E-06	1.50E-05	5.01E-06	4.32E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	1.4E-08	8.6E-09	7.8E-09	1.7E-09	3.3E-08
309	R_13	387065.27	3744563.55	387065.27, 3744563.55	0.87155	0.00064	1.59266	0.86875	1.381E-05	7.89E-06	1.40E-05	4.55E-06	4.02E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	1.3E-08	8.0E-09	7.3E-09	1.6E-09	3.1E-08
310	R_14	387065.27	3744613.55	387065.27, 3744613.55	0.79893	0.00064	1.49192	0.79503	1.266E-05	7.89E-06	1.31E-05	4.17E-06	3.78E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
311	R_14	387065.27	3744663.55	387065.27, 3744663.55	0.7414	0.00064	1.40253	0.7352	1.175E-05	7.89E-06	1.23E-05	3.85E-06	3.58E-05	1.2E-08	3.7E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	1.2E-08	7.1E-09	6.5E-09	1.4E-09	2.7E-08
312	R_14	387065.27	3744713.55	387065.27, 3744713.55	0.69554	0.00063	1.32143	0.68694	1.102E-05	7.77E-06	1.16E-05	3.60E-06	3.40E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.5E-09	4.6E-10	1.1E-08	6.8E-09	6.2E-09	1.3E-09	2.6E-08
313	R_14	387065.27	3744763.55	387065.27, 3744763.55	0.65781	0.00062	1.24678	0.64739	1.042E-05	7.65E-06	1.09E-05	3.39E-06	3.24E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
314	R_14	387065.27	3744813.55	387065.27, 3744813.55	0.62536	0.00062	1.17755	0.61393	9.908E-06	7.65E-06	1.03E-05	3.22E-06	3.11E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.8E-09	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
315	R_14	387065.27	3744863.55	387065.27, 3744863.55	0.5962	0.0006	1.11311	0.58454	9.446E-06	7.40E-06	9.76E-06	3.06E-06	2.97E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.4E-09	4.0E-10	9.7E-09	5.9E-09	5.4E-09	1.2E-09	2.3E-08
316	R_14	387115.27	3744263.55	387115.27, 3744263.55	1.58426	0.0008	2.85208	1.53526	2.51E-05	9.87E-06	2.50E-05	8.05E-06	6.80E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
317	R_14	387115.27	3744313.55	387115.27, 3744313.55	1.4819	0.00077	2.56273	1.4444	2.348E-05	9.50E-06	2.25E-05	7.57E-06	6.30E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
318	R_14	387115.27	3744363.55	387115.27, 3744363.55	1.3586	0.00075	2.31123	1.33364	2.152E-05	9.25E-06	2.03E-05	6.99E-06	5.80E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.4E-08
319	R_14	387115.27	3744413.55	387115.27, 3744413.55	1.22699	0.00074	2.10117	1.21309	1.944E-05	9.13E-06	1.84E-05	6.36E-06	5.34E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.3E-10	1.8E-08	1.1E-08	9.7E-09	2.1E-09	4.1E-08
320	R_15	387115.27	3744463.55	387115.27, 3744463.55	1.10117	0.00073	1.92845	1.09473	1.745E-05	9.00E-06	1.69E-05	5.74E-06	4.91E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.7E-08
321	R_15	387115.27	3744513.55	387115.27, 3744513.55	0.99116	0.00073	1.78509	0.98791	1.57E-05	9.00E-06	1.57E-05	5.18E-06	4.55E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.1E-09	8.2E-09	1.8E-09	3.5E-08
322	R_15	387115.27	3744563.55	387115.27, 3744563.55	0.90101	0.00072	1.66304	0.89742	1.427E-05	8.88E-06	1.46E-05	4.70E-06	4.24E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.2E-08
323	R_15	387115.27	3744613.55	387115.27, 3744613.55	0.82975	0.00071	1.55599	0.8238	1.315E-05	8.76E-06	1.36E-05	4.32E-06	3.99E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	1.3E-08	8.0E-09	7.2E-09	1.6E-09	3.0E-08
324	R_15	387115.27	3744663.55	387115.27, 3744663.55	0.77352	0.00071	1.45973	0.7647	1.225E-05	8.76E-06	1.28E-05	4.01E-06	3.78E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.1E-10	1.2E-08	7.6E-09	6.8E-09	1.5E-09	2.9E-08
325	R_15	387115.27	3744713.55	387115.27, 3744713.55	0.72798	0.0007	1.3718	0.7168	1.153E-05	8.63E-06	1.20E-05	3.76E-06	3.60E-05	1.2E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.7E-08
326	R_15	387115.27	3744763.55	387115.27, 3744763.55	0.68933	0.00068	1.29075	0.67675	1.092E-05	8.39E-06	1.13E-05	3.55E-06	3.42E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.6E-10	1.1E-08	6.8E-09	6.2E-09	1.3E-09	2.6E-08
327	R_15	387115.27	3744813.55	387115.27, 3744813.55	0.65495	0.00067	1.21576	0.64195	1.038E-05	8.26E-06	1.07E-05	3.36E-06	3.27E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.2E-09	4.4E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
328	R_15	387115.27	3744863.55	387115.27, 3744863.55	0.62327	0.00065	1.14629	0.61059	9.874E-06	8.02E-06	1.01E-05	3.20E-06	3.11E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.8E-09	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
329	R_15	387165.27	3744263.55	387165.27, 3744263.55	1.70856	0.00089	3.00295	1.65863	2.707E-05	1.10E-05	2.63E-05	8.69E-06	7.31E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
330	R_16	387165.27	3744313.55	387165.27, 3744313.55	1.57618	0.00087	2.68429	1.54059	2.497E-05	1.07E-05	2.35E-05	8.07E-06	6.73E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.3E-08	1.2E-08	2.7E-09	5.1E-08
331	R_16	387165.27	3744363.55	387165.27, 3744363.55	1.42562	0.00085	2.41668	1.40428	2.259E-05	1.05E-05	2.12E-05	7.36E-06	6.16E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.7E-08
332	R_16	387165.27	3744413.55	387165.27, 3744413.55	1.27485	0.00084	2.19806	1.2645	2.02E-05	1.04E-05	1.93E-05	6.63E-06	5.65E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
333	R_16	387165.27	3744463.55	387165.27, 3744463.55	1.13899	0.00083	2.01903	1.13457	1.805E-05	1.02E-05	1.77E-05	5.95E-06	5.19E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.1E-10	1.7E-08	1.0E-08	9.4E-09	2.1E-09	4.0E-08
334	R_16	387165.27	3744513.55	387165.27, 3744513.55	1.02608	0.00082	1.86893	1.02273	1.626E-05	1.01E-05	1.64E-05	5.36E-06	4.81E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
335	R_16	387165.27	3744563.55	387165.27, 3744563.55	0.93672	0.00081	1.73903	0.93122	1.484E-05	9.99E-06	1.53E-05	4.88E-06	4.50E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	1.5E-08	9.0E-09	8.1E-09	1.8E-09	3.4E-08
336	R_16	387165.27	3744613.55	387165.27, 3744613.55	0.86695	0.0008	1.62347	0.85807	1.374E-05	9.87E-06	1.42E-05	4.50E-06	4.23E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.2E-08
337	R_16	387165.27	3744663.55	387165.27, 3744663.55	0.81119	0.00079	1.51874	0.7993	1.285E-05	9.74E-06	1.33E-05	4.19E-06	4.01E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	1.3E-08	8.0E-09	7.3E-09	1.6E-09	3.1E-08
338	R_16	387165.27	3744713.55	387165.27, 3744713.55	0.76465	0.00077	1.4229	0.75082	1.211E-05	9.50E-06	1.25E-05	3.93E-06	3.80E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	1.2E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
339	R_16	387165.27	3744763.55	387165.27, 3744763.55	0.72373	0.00075	1.33481	0.70919	1.147E-05	9.25E-06	1.17E-05	3.72E-06	3.61E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.8E-08
340	R_17	387165.27	3744813.55	387165.27, 3744813.55	0.68631	0.00073	1.25374	0.67203	1.087E-05	9.00E-06	1.10E-05	3.52E-06	3.44E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	1.1E-08	6.9E-09	6.2E-09	1.4E-09	2.6E-08
341	R_17	387165.27	3744863.55	387165.27, 3744863.55	0.65128	0.00071	1.17909	0.6379	1.032E-05	8.76E-06	1.03E-05	3.34E-06	3.28E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.2E-09	4.5E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
342	R_17	387215.27	3744263.55	387215.27, 3744263.55	1.84052	0.00102	3.1642	1.79121	2.916E-05	1.26E-05	2.78E-05	9.39E-06	7.89E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
343	R_17	387215.27	3744313.55	387215.27, 3744313.55	1.67187	0.00099	2.81808	1.63987	2.649E-05	1.22E-05	2.47E-05	8.59E-06	7.20E-05	2.5E-08	7.5E-08	4.4E-08	3.9E-08	1.8E-08	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.8E-09	5.5E-08
344	R_17	387215.27	3744363.55	387215.27, 3744363.55	1.49261	0.00098	2.53612	1.47588	2.365E-05	1.21E-05	2.22E-05	7.73E-06	6.57E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	8.9E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
345	R_17	387215.27	3744413.55	387215.27, 3744413.55	1.32445	0.00097	2.30821	1.31759	2.098E-05	1.20E-05	2.02E-05	6.90E-06	6.01E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
346	R_17	387215.27	3744463.55	387215.27, 3744463.55	1.18172	0.00096	2.12036	1.17834	1.872E-05	1.18E-05	1.86E-05	6.18E-06	5.53E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
347	R_17	387215.27	3744513.55	387215.27, 3744513.55	1.06816	0.00094	1.96027	1.06335	1.692E-05	1.16E-05	1.72E-05	5.57E-06	5.13E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.7E-08	1.0E-08	9.3E-09	2.0E-09	3.9E-08
348	R_17	387215.27	3744563.55	387215.27, 3744563.55	0.9802	0.00093	1.8196	0.9716	1.553E-05	1.15E-05	1.60E-05	5.09E-06	4.81E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
349	R_17	387215.27	3744613.55	387215.27, 3744613.55	0.91109	0.00091	1.69335	0.89861	1.443E-05	1.12E-05	1.49E-05	4.71E-06	4.52E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	1.5E-08	9.0E-09	8.2E-09	1.8E-09	3.4E-08
350	R_18	387215.27	3744663.55	387215.27, 3744663.55	0.85423	0.00088	1.57874	0.83908	1.353E-05	1.09E-05	1.38E-05	4.40E-06	4.26E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.2E-08
351	R_18	387215.27	3744713.55	387215.27, 3744713.55	0.80499	0.00086	1.47419	0.78869	1.275E-05	1.06E-05	1.29E-05	4.13E-06	4.04E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
352	R_18	387215.27	3744763.55	387215.27, 3744763.55	0.76037	0.00083	1.37865	0.74422	1.205E-05	1.02E-05	1.21E-05	3.90E-06	3.83E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	1.3E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
353	R_18	387215.27	3744813.55	387215.27, 3744813.55	0.71882	0.0008	1.29133	0.70368	1.139E-05	9.87E-06	1.13E-05	3.69E-06	3.63E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.9E-10	1.2E-08	7.2E-09	6.6E-09	1.4E-09	2.8E-08
354	R_18	387215.27	3744863.55	387215.27, 3744863.55	0.67969	0.00077	1.21149	0.66599	1.077E-05	9.50E-06	1.06E-05	3.49E-06	3.44E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	1.1E-08	6.9E-09	6.2E-09	1.4E-09	2.6E-08
355	R_18	387265.27	3744263.55	387265.27, 3744263.55	1.9786	0.00119	3.34037	1.93209	3.135E-05	1.47E-05	2.93E-05	1.01E-05	8.54E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
356	R_18	387265.27	3744313.55	387265.27, 3744313.55	1.76823	0.00117	2.96901	1.74167	2.801E-05	1.44E-05	2.60E-05	9.13E-06	7.76E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	2.5E-08	1.5E-08	1.4E-08	3.1E-09	5.9E-08
357	R_18	387265.27	3744363.55	387265.27, 3744363.55	1.56059	0.00115	2.67264	1.54916	2.472E-05	1.42E-05	2.34E-05	8.12E-06	7.05E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
358	R_18	387265.27	3744413.55	387265.27, 3744413.55	1.37871	0.00114	2.43269	1.37462	2.184E-05	1.41E-05	2.13E-05	7.20E-06	6.44E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
359	R_18	387265.27	3744463.55	387265.27, 3744463.55	1.23256	0.00112	2.23186	1.22864	1.953E-05	1.38E-05	1.96E-05	6.44E-06	5.94E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
360	R_19	387265.27	3744513.55	387265.27, 3744513.55	1.11983	0.00109	2.05784	1.11191	1.774E-05	1.34E-05	1.80E-05	5.83E-06	5.51E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
361	R_19	387265.27	3744563.55	387265.27, 3744563.55	1.03256	0.00106	1.90342	1.01975	1.636E-05	1.31E-05	1.67E-05	5.34E-06	5.15E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.7E-08	1.0E-08	9.3E-09	2.0E-09	3.9E-08
362	R_19	387265.27	3744613.55	387265.27, 3744613.55	0.96216	0.00103	1.76459	0.94567	1.524E-05	1.27E-05	1.55E-05	4.96E-06	4.84E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
363	R_19	387265.27	3744663.55	387265.27, 3744663.55	0.90202	0.00099	1.63902	0.88377	1.429E-05	1.22E-05	1.44E-05	4.63E-06	4.55E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.1E-09	8.2E-09	1.8E-09	3.5E-08
364	R_19	387265.27	3744713.55	387265.27, 3744713.55	0.84818	0.00095	1.52525	0.82986	1.344E-05	1.17E-05	1.34E-05	4.35E-06	4.29E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	1.4E-08	8.6E-09	7.8E-09	1.7E-09	3.3E-08
365	R_19	387265.27	3744763.55	387265.27, 3744763.55	0.79842	0.00092	1.42208	0.7812	1.265E-05	1.13E-05	1.25E-05	4.09E-06	4.06E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
366	R_19	387265.27	3744813.55	387265.27, 3744813.55	0.75184	0.00088	1.32847	0.73631	1.191E-05	1.09E-05	1.17E-05	3.86E-06	3.83E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	1.3E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
367	R_19	387265.27	3744863.55	387265.27, 3744863.55	0.70806	0.00084	1.24348	0.69444	1.122E-05	1.04E-05	1.09E-05	3.64E-06	3.61E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.8E-08
368	R_19	387315.27	3744263.55	387315.27, 3744263.55	2.12132	0.00142	3.5382	2.08045	3.361E-05	1.75E-05	3.10E-05	1.09E-05	9.31E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
369	R_19	387315.27	3744313.55	387315.27, 3744313.55	1.86593	0.0014	3.14251	1.84665	2.956E-05	1.73E-05	2.76E-05	9.68E-06	8.41E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
370	R_20	387315.27	3744363.55	387315.27, 3744363.55	1.63296	0.00138	2.82867	1.62681	2.587E-05	1.70E-05	2.48E-05	8.53E-06	7.62E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
371	R_20	387315.27	3744413.55	387315.27, 3744413.55	1.44204	0.00136	2.5712	1.43912	2.285E-05	1.68E-05	2.26E-05	7.54E-06	6.97E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
372	R_20	387315.27	3744463.55	387315.27, 3744463.55	1.29504	0.00132	2.35188	1.28844	2.052E-05	1.63E-05	2.06E-05	6.75E-06	6.42E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
373	R_20	387315.27	3744513.55	387315.27, 3744513.55	1.1829	0.00128	2.15983	1.17022	1.874E-05	1.58E-05	1.89E-05	6.13E-06	5.96E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.5E-08
374	R_20	387315.27	3744563.55	387315.27, 3744563.55	1.0941	0.00123	1.98905	1.07634	1.733E-05	1.52E-05	1.74E-05	5.64E-06	5.56E-05	1.9E-08	5.8E-08	3.4E-08	3.0E-08	1.4E-08	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
375	R_20	387315.27	3744613.55	387315.27, 3744613.55	1.01962	0.00118	1.83621	0.99915	1.615E-05	1.46E-05	1.61E-05	5.24E-06	5.20E-05	1.8E-08	5.4E-08	3.1E-08	2.9E-08	1.3E-08	7.1E-10	1.7E-08	1.0E-08	9.4E-09	2.1E-09	4.0E-08
376	R_20	387315.27	3744663.55	387315.27, 3744663.55	0.95366	0.00112	1.69904	0.93278	1.511E-05	1.38E-05	1.49E-05	4.89E-06	4.87E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
377	R_20	387315.27	3744713.55	387315.27, 3744713.55	0.89335	0.00107	1.57579	0.87363	1.415E-05	1.32E-05	1.38E-05	4.58E-06	4.57E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.1E-09	8.3E-09	1.8E-09	3.5E-08
378	R_20	387315.27	3744763.55	387315.27, 3744763.55	0.83725	0.00102	1.46496	0.81953	1.326E-05	1.26E-05	1.28E-05	4.29E-06	4.30E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	1.4E-08	8.6E-09	7.8E-09	1.7E-09	3.3E-08
379	R_20	387315.27	3744813.55	387315.27, 3744813.55	0.78488	0.00097	1.36516	0.76944	1.243E-05	1.20E-05	1.20E-05	4.03E-06	4.04E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
380	R_21	387315.27	3744863.55	387315.27, 3744863.55	0.73609	0.00093	1.27512	0.72289	1.166E-05	1.15E-05	1.12E-05	3.79E-06	3.81E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	1.3E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
381	R_21	387365.27	3744263.55	387365.27, 3744263.55	2.26757	0.00174	3.76562	2.23577	3.593E-05	2.15E-05	3.30E-05	1.17E-05	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	3.4E-08	2.0E-08	1.8E-08	4.0E-09	7.8E-08
382	R_21	387365.27	3744313.55	387365.27, 3744313.55	1.96764	0.00172	3.34272	1.957	3.117E-05	2.12E-05	2.93E-05	1.03E-05	9.20E-05	3.2E-08	9.6E-08	5.6E-08	5.0E-08	2.3E-08	1.3E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
383	R_21	387365.27	3744363.55	387365.27, 3744363.55	1.71508	0.00169	3.00429	1.71301	2.717E-05	2.08E-05	2.63E-05	8.98E-06	8.33E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
384	R_21	387365.27	3744413.55	387365.27, 3744413.55	1.51952	0.00164	2.72159	1.51516	2.407E-05	2.02E-05	2.39E-05	7.94E-06	7.61E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
385	R_21	387365.27	3744463.55	387365.27, 3744463.55	1.37223	0.00158	2.4779	1.36054	2.174E-05	1.95E-05	2.17E-05	7.13E-06	7.01E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.8E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
386	R_21	387365.27	3744513.55	387365.27, 3744513.55	1.25801	0.00151	2.26412	1.23929	1.993E-05	1.86E-05	1.99E-05	6.49E-06	6.49E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	4.9E-08
387	R_21	387365.27	3744563.55	387365.27, 3744563.55	1.16405	0.00143	2.07513	1.1412	1.844E-05	1.76E-05	1.82E-05	5.98E-06	6.03E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
388	R_21	387365.27	3744613.55	387365.27, 3744613.55	1.08213	0.00136	1.90744	1.05823	1.714E-05	1.68E-05	1.67E-05	5.55E-06	5.62E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
389	R_21	387365.27	3744663.55	387365.27, 3744663.55	1.00778	0.00128	1.75846	0.98511	1.597E-05	1.58E-05	1.54E-05	5.16E-06	5.23E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.1E-10	1.7E-08	1.0E-08	9.5E-09	2.1E-09	4.0E-08
390	R_22	387365.27	3744713.55	387365.27, 3744713.55	0.93935	0.0012	1.62577	0.91905	1.488E-05	1.48E-05	1.43E-05	4.82E-06	4.88E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
391	R_22	387365.27	3744763.55	387365.27, 3744763.55	0.87599	0.00114	1.50739	0.85844	1.388E-05	1.41E-05	1.32E-05	4.50E-06	4.57E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.1E-09	8.3E-09	1.8E-09	3.5E-08
392	R_22	387365.27	3744813.55	387365.27, 3744813.55	0.81742	0.00108	1.40153	0.80256	1.295E-05	1.33E-05	1.23E-05	4.21E-06	4.28E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.3E-08
393	R_22	387365.27	3744863.55	387365.27, 3744863.55	0.76346	0.00102	1.30657	0.751	1.21E-05	1.26E-05	1.15E-05	3.94E-06	4.01E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	1.3E-08	8.0E-09	7.3E-09	1.6E-09	3.1E-08
394	R_22	387415.27	3744313.55	387415.27, 3744313.55	2.07967	0.00217	3.57097	2.07783	3.295E-05	2.68E-05	3.13E-05	1.09E-05	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.8E-08
395	R_22	387415.27	3744363.55	387415.27, 3744363.55	1.81414	0.00211	3.19671	1.81339	2.874E-05	2.60E-05	2.80E-05	9.50E-06	9.23E-05	3.2E-08	9.6E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
396	R_22	387415.27	3744413.55	387415.27, 3744413.55	1.61602	0.00202	2.88012	1.60683	2.56E-05	2.49E-05	2.53E-05	8.42E-06	8.42E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
397	R_22	387415.27	3744463.55	387415.27, 3744463.55	1.46574	0.00192	2.60691	1.44679	2.322E-05	2.37E-05	2.29E-05	7.58E-06	7.73E-05	2.7E-08	8.1E-08	4.7E-08	4.2E-08	1.9E-08	1.1E-09	2.5E-08	1.5E-08	1.4E-08	3.1E-09	5.9E-08
398	R_22	387415.27	3744513.55	387415.27, 3744513.55	1.34459	0.0018	2.36886	1.31932	2.13E-05	2.22E-05	2.08E-05	6.91E-06	7.12E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
399	R_22	387415.27	3744563.55	387415.27, 3744563.55	1.24076	0.00169	2.16065	1.21345	1.966E-05	2.08E-05	1.90E-05	6.36E-06	6.58E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	8.9E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
400	R_23	387415.27	3744613.55	387415.27, 3744613.55	1.1479	0.00157	1.97788	1.12169	1.819E-05	1.94E-05	1.73E-05	5.88E-06	6.08E-05	2.1E-08	6.4E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
401	R_23	387415.27	3744663.55	387415.27, 3744663.55	1.06306	0.00146	1.81712	1.03967	1.684E-05	1.80E-05	1.59E-05	5.45E-06	5.62E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
402	R_23	387415.27	3744713.55	387415.27, 3744713.55	0.98534	0.00136	1.67515	0.96531	1.561E-05	1.68E-05	1.47E-05	5.06E-06	5.21E-05	1.8E-08	5.4E-08	3.2E-08	2.9E-08	1.3E-08	7.1E-10	1.7E-08	1.0E-08	9.4E-09	2.1E-09	4.0E-08
403	R_23	387415.27	3744763.55	387415.27, 3744763.55	0.91418	0.00128	1.54941	0.89741	1.448E-05	1.58E-05	1.36E-05	4.70E-06	4.86E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
404	R_23	387415.27	3744813.55	387415.27, 3744813.55	0.84924	0.0012	1.43762	0.83533	1.345E-05	1.48E-05	1.26E-05	4.38E-06	4.52E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.0E-09	8.2E-09	1.8E-09	3.4E-08
405	R_23	387415.27	3744863.55	387415.27, 3744863.55	0.79012	0.00113	1.33784	0.77861	1.252E-05	1.39E-05	1.17E-05	4.08E-06	4.23E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.7E-10	1.4E-08	8.4E-09	7.7E-09	1.7E-09	3.2E-08
406	R_23	387465.27	3744513.55	387465.27, 3744513.55	1.44062	0.00217	2.47263	1.40943	2.282E-05	2.68E-05	2.17E-05	7.39E-06	7.87E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
407	R_23	387465.27	3744563.55	387465.27, 3744563.55	1.32203	0.002	2.24495	1.29168	2.094E-05	2.47E-05	1.97E-05	6.77E-06	7.21E-05	2.5E-08	7.5E-08	4.4E-08	4.0E-08	1.8E-08	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.8E-09	5.5E-08
408	R_23	387465.27	3744613.55	387465.27, 3744613.55	1.21521	0.00183	2.0473	1.18816	1.925E-05	2.26E-05	1.80E-05	6.23E-06	6.60E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
409	R_23	387465.27	3744663.55	387465.27, 3744663.55	1.11834	0.00168	1.87497	1.0954	1.772E-05	2.07E-05	1.64E-05	5.74E-06	6.06E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
410	R_24	387465.27	3744713.55	387465.27, 3744713.55	1.0307	0.00155	1.72393	1.01173	1.633E-05	1.91E-05	1.51E-05	5.30E-06	5.59E-05	1.9E-08	5.8E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
411	R_24	387465.27	3744763.55	387465.27, 3744763.55	0.95156	0.00144	1.59101	0.93603	1.508E-05	1.78E-05	1.40E-05	4.91E-06	5.17E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.7E-08	1.0E-08	9.4E-09	2.0E-09	3.9E-08
412	R_24	387465.27	3744813.55	387465.27, 3744813.55	0.88028	0.00133	1.47346	0.86759	1.395E-05	1.64E-05	1.29E-05	4.55E-06	4.78E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.6E-08	9.5E-09	8.7E-09	1.9E-09	3.6E-08
413	R_24	387465.27	3744863.55	387465.27, 3744863.55	0.81616	0.00124	1.36894	0.80571	1.293E-05	1.53E-05	1.20E-05	4.22E-06	4.45E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	1.5E-08	8.9E-09	8.0E-09	1.8E-09	3.4E-08
414	R_24	387515.27	3744663.55	387515.27, 3744663.55	1.1729	0.00194	1.93184	1.15148	1.858E-05	2.39E-05	1.69E-05	6.03E-06	6.55E-05	2.3E-08	6.8E-08	4.0E-08	3.6E-08	1.6E-08	8.9E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
415	R_24	387515.27	3744713.55	387515.27, 3744713.55	1.07516	0.00176	1.772	1.05786	1.703E-05	2.17E-05	1.55E-05	5.54E-06	5.98E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
416	R_24	387515.27	3744763.55	387515.27, 3744763.55	0.98815	0.00161	1.63207	0.97418	1.566E-05	1.99E-05	1.43E-05	5.11E-06	5.49E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.8E-08	1.1E-08	9.9E-09	2.2E-09	4.2E-08
417	R_24	387515.27	3744813.55	387515.27, 3744813.55	0.91074	0.00148	1.50885	0.89936	1.443E-05	1.83E-05	1.32E-05	4.71E-06	5.06E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
418	R_24	387515.27	3744863.55	387515.27, 3744863.55	0.84182	0.00137	1.3997	0.83241	1.334E-05	1.69E-05	1.23E-05	4.36E-06	4.69E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	1.5E-08	9.4E-09	8.5E-09	1.9E-09	3.6E-08
419	R_24	387565.27	3744813.55	387565.27, 3744813.55	0.94098	0.00164	1.5434	0.93083	1.491E-05	2.02E-05	1.35E-05	4.88E-06	5.35E-05	1.9E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.3E-10	1.8E-08	1.1E-08	9.7E-09	2.1E-09	4.1E-08
420	R_25	387565.27	3744863.55	387565.27, 3744863.55	0.86742	0.0015	1.42973	0.85893	1.374E-05	1.85E-05	1.25E-05	4.50E-06	4.93E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.8E-08
421	R_25	387524.44	3742913.36	387524.44, 3742913.36	0.5706	0.0007	3.19428	0.55643	9.04E-06	8.63E-06	2.80E-05	2.92E-06	4.86E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
422	R_25	387574.44	3742963.36	387574.44, 3742963.36	0.63102	0.00077	4.16419	0.61523	9.997E-06	9.50E-06	3.65E-05	3.22E-06	5.92E-05	2.1E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.1E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
423	R_25	387574.44	3743013.36	387574.44, 3743013.36	0.68032	0.00084	5.12997	0.66164	1.078E-05	1.04E-05	4.50E-05	3.47E-06	6.96E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.7E-09	5.3E-08
424	R_25	387624.44	3742963.36	387624.44, 3742963.36	0.64986	0.00079	4.52599	0.63552	1.03E-05	9.74E-06	3.97E-05	3.33E-06	6.31E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
425	R_25	387624.44	3743013.36	387624.44, 3743013.36	0.70221	0.00086	5.59432	0.68499	1.113E-05	1.06E-05	4.91E-05	3.59E-06	7.44E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
426	R_25	387624.44	3743063.36	387624.44, 3743063.36	0.76141	0.00094	7.12922	0.74063	1.206E-05	1.16E-05	6.25E-05	3.88E-06	9.01E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
427	R_25	387674.44	3742963.36	387674.44, 3742963.36	0.66921	0.00079	4.86687	0.65711	1.06E-05	9.74E-06	4.27E-05	3.44E-06	6.65E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
428	R_25	387674.44	3743013.36	387674.44, 3743013.36	0.72441	0.00087	5.99918	0.70971	1.148E-05	1.07E-05	5.26E-05	3.72E-06	7.85E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
429	R_25	387674.44	3743063.36	387674.44, 3743063.36	0.78727	0.00096	7.54824	0.76924	1.247E-05	1.18E-05	6.62E-05	4.03E-06	9.45E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
430	R_26	387674.44	3743113.36	387674.44, 3743113.36	0.85919	0.00107	9.61489	0.83689	1.361E-05	1.32E-05	8.43E-05	4.39E-06	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.8E-08
431	R_26	387724.44	3742963.36	387724.44, 3742963.36	0.69123	0.0008	5.17975	0.68157	1.095E-05	9.87E-06	4.54E-05	3.57E-06	6.98E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
432	R_26	387724.44	3743013.36	387724.44, 3743013.36	0.74908	0.00087	6.32682	0.73744	1.187E-05	1.07E-05	5.55E-05	3.86E-06	8.20E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
433	R_26	387724.44	3743063.36	387724.44, 3743063.36	0.81529	0.00097	7.80182	0.801	1.292E-05	1.20E-05	6.84E-05	4.20E-06	9.75E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.8E-09	7.4E-08
434	R_26	387724.44	3743113.36	387724.44, 3743113.36	0.89143	0.00108	9.60128	0.87361	1.412E-05	1.33E-05	8.42E-05	4.58E-06	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
435	R_26	387774.44	3742963.36	387774.44, 3742963.36	0.71888	0.0008	5.44772	0.7103	1.139E-05	9.87E-06	4.78E-05	3.72E-06	7.28E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.5E-08
436	R_26	387774.44	3743013.36	387774.44, 3743013.36	0.77966	0.00088	6.55659	0.76987	1.235E-05	1.09E-05	5.75E-05	4.03E-06	8.47E-05	2.9E-08	8.9E-08	5.1E-08	4.6E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.5E-08
437	R_26	387774.44	3743063.36	387774.44, 3743063.36	0.84937	0.00097	7.88268	0.83793	1.346E-05	1.20E-05	6.91E-05	4.39E-06	9.89E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
438	R_26	387774.44	3743113.36	387774.44, 3743113.36	0.92989	0.00109	9.34718	0.91614	1.473E-05	1.34E-05	8.20E-05	4.80E-06	1.15E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.8E-08
439	R_26	387774.44	3743163.36	387774.44, 3743163.36	1.02355	0.00124	10.767	1.00657	1.622E-05	1.53E-05	9.44E-05	5.27E-06	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
440	R_27	387824.44	3742963.36	387824.44, 3742963.36	0.75602	0.0008	5.65307	0.74474	1.198E-05	9.87E-06	4.96E-05	3.90E-06	7.53E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.7E-08
441	R_27	387824.44	3743013.36	387824.44, 3743013.36	0.8207	0.00089	6.676	0.80865	1.3E-05	1.10E-05	5.86E-05	4.24E-06	8.68E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
442	R_27	387824.44	3743063.36	387824.44, 3743063.36	0.89499	0.00099	7.80745	0.88196	1.418E-05	1.22E-05	6.85E-05	4.62E-06	9.95E-05	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
443	R_27	387824.44	3743113.36	387824.44, 3743113.36	0.98098	0.00111	8.94198	0.96664	1.554E-05	1.37E-05	7.84E-05	5.07E-06	1.13E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.0E-08	4.4E-09	8.6E-08
444	R_27	387824.44	3743163.36	387824.44, 3743163.36	1.08133	0.00127	9.93995	1.06517	1.713E-05	1.57E-05	8.72E-05	5.58E-06	1.26E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
445	R_27	387824.44	3743213.36	387824.44, 3743213.36	1.1996	0.00146	10.72515	1.18082	1.901E-05	1.80E-05	9.41E-05	6.19E-06	1.37E-04	4.8E-08	1.4E-07	8.3E-08	7.5E-08	3.4E-08	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
446	R_27	387874.44	3742963.36	387874.44, 3742963.36	0.80564	0.00083	5.78339	0.78603	1.276E-05	1.02E-05	5.07E-05	4.12E-06	7.78E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
447	R_27	387874.44	3743013.36	387874.44, 3743013.36	0.87596	0.00091	6.68762	0.85497	1.388E-05	1.12E-05	5.87E-05	4.48E-06	8.82E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
448	R_27	387874.44	3743063.36	387874.44, 3743063.36	0.95692	0.00103	7.61626	0.93438	1.516E-05	1.27E-05	6.68E-05	4.90E-06	9.96E-05	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
449	R_27	387874.44	3743113.36	387874.44, 3743113.36	1.0508	0.00116	8.48083	1.02649	1.665E-05	1.43E-05	7.44E-05	5.38E-06	1.11E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
450	R_28	387874.44	3743163.36	387874.44, 3743163.36	1.16077	0.00133	9.21774	1.13436	1.839E-05	1.64E-05	8.08E-05	5.94E-06	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.0E-08	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
451	R_28	387874.44	3743213.36	387874.44, 3743213.36	1.29093	0.00155	9.85211	1.26193	2.045E-05	1.91E-05	8.64E-05	6.61E-06	1.33E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
452	R_28	387874.44	3743263.36	387874.44, 3743263.36	1.44647	0.00182	10.50513	1.41417	2.292E-05	2.24E-05	9.21E-05	7.41E-06	1.45E-04	5.0E-08	1.5E-07	8.8E-08	7.9E-08	3.6E-08	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07

Residential Operational Risk (Unmitigated)

453	R_28	387924.44	3742963.36	387924.44, 3742963.36	0.86794	0.00087	5.83555	0.83489	1.375E-05	1.07E-05	5.12E-05	4.38E-06	8.00E-05	2.8E-08	8.4E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.2E-09	6.1E-08
454	R_28	387924.44	3743013.36	387924.44, 3743013.36	0.94621	0.00097	6.6096	0.90977	1.499E-05	1.20E-05	5.80E-05	4.77E-06	8.97E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
455	R_28	387924.44	3743063.36	387924.44, 3743063.36	1.03662	0.00109	7.35905	0.99628	1.642E-05	1.34E-05	6.45E-05	5.22E-06	9.96E-05	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
456	R_28	387924.44	3743113.36	387924.44, 3743113.36	1.14189	0.00125	8.03329	1.09702	1.809E-05	1.54E-05	7.05E-05	5.75E-06	1.10E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.4E-08
457	R_28	387924.44	3743163.36	387924.44, 3743163.36	1.2656	0.00145	8.62822	1.21541	2.005E-05	1.79E-05	7.57E-05	6.37E-06	1.20E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
458	R_28	387924.44	3743213.36	387924.44, 3743213.36	1.41272	0.0017	9.20823	1.35616	2.238E-05	2.10E-05	8.08E-05	7.11E-06	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
459	R_28	387924.44	3743263.36	387924.44, 3743263.36	1.58979	0.00203	9.8732	1.52549	2.519E-05	2.50E-05	8.66E-05	7.99E-06	1.45E-04	5.0E-08	1.5E-07	8.8E-08	7.9E-08	3.6E-08	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
460	R_29	387924.44	3743313.36	387924.44, 3743313.36	1.80597	0.00245	10.7004	1.732	2.861E-05	3.02E-05	9.39E-05	9.08E-06	1.62E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.0E-08	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
461	R_29	387974.44	3742963.36	387974.44, 3742963.36	0.94017	0.00093	5.81859	0.89198	1.49E-05	1.15E-05	5.10E-05	4.67E-06	8.21E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.3E-08
462	R_29	387974.44	3743013.36	387974.44, 3743013.36	1.0283	0.00105	6.46962	0.97389	1.629E-05	1.29E-05	5.67E-05	5.10E-06	9.11E-05	3.2E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
463	R_29	387974.44	3743063.36	387974.44, 3743063.36	1.13057	0.0012	7.07911	1.06875	1.791E-05	1.48E-05	6.21E-05	5.60E-06	1.00E-04	3.5E-08	1.0E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
464	R_29	387974.44	3743113.36	387974.44, 3743113.36	1.2503	0.00138	7.63293	1.17954	1.981E-05	1.70E-05	6.69E-05	6.18E-06	1.10E-04	3.8E-08	1.1E-07	6.7E-08	6.0E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.4E-08
465	R_29	387974.44	3743163.36	387974.44, 3743163.36	1.39174	0.00161	8.15891	1.31011	2.205E-05	1.99E-05	7.16E-05	6.87E-06	1.20E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
466	R_29	387974.44	3743213.36	387974.44, 3743213.36	1.56115	0.00191	8.72334	1.46606	2.473E-05	2.36E-05	7.65E-05	7.68E-06	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
467	R_29	387974.44	3743263.36	387974.44, 3743263.36	1.76626	0.00229	9.38851	1.65431	2.798E-05	2.82E-05	8.23E-05	8.67E-06	1.47E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
468	R_29	387974.44	3743313.36	387974.44, 3743313.36	2.01831	0.00278	10.18465	1.88489	3.198E-05	3.43E-05	8.93E-05	9.88E-06	1.65E-04	5.7E-08	1.7E-07	1.0E-07	9.1E-08	4.1E-08	2.3E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
469	R_29	387974.44	3743363.36	387974.44, 3743363.36	2.33372	0.00342	11.10934	2.17233	3.697E-05	4.22E-05	9.74E-05	1.14E-05	1.88E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.4E-09	1.4E-07
470	R_30	388024.44	3742963.36	388024.44, 3742963.36	1.01689	0.00102	5.74648	0.95675	1.611E-05	1.26E-05	5.04E-05	5.01E-06	8.41E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
471	R_30	388024.44	3743013.36	388024.44, 3743013.36	1.11584	0.00116	6.29363	1.04702	1.768E-05	1.43E-05	5.52E-05	5.49E-06	9.27E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.0E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
472	R_30	388024.44	3743063.36	388024.44, 3743063.36	1.23113	0.00132	6.80362	1.15176	1.95E-05	1.63E-05	5.97E-05	6.04E-06	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
473	R_30	388024.44	3743113.36	388024.44, 3743113.36	1.36643	0.00153	7.28494	1.27417	2.165E-05	1.89E-05	6.39E-05	6.68E-06	1.11E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
474	R_30	388024.44	3743163.36	388024.44, 3743163.36	1.52774	0.00179	7.77938	1.41939	2.42E-05	2.21E-05	6.82E-05	7.44E-06	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
475	R_30	388024.44	3743213.36	388024.44, 3743213.36	1.72204	0.00212	8.3356	1.59336	2.728E-05	2.61E-05	7.31E-05	8.35E-06	1.35E-04	4.7E-08	1.4E-07	8.2E-08	7.4E-08	3.4E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
476	R_30	388024.44	3743263.36	388024.44, 3743263.36	1.95832	0.00254	8.98601	1.80374	3.103E-05	3.13E-05	7.88E-05	9.45E-06	1.51E-04	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
477	R_30	388024.44	3743313.36	388024.44, 3743313.36	2.25124	0.00306	9.74503	2.06291	3.567E-05	3.77E-05	8.55E-05	1.08E-05	1.70E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
478	R_30	388024.44	3743363.36	388024.44, 3743363.36	2.61977	0.00374	10.62267	2.38681	4.151E-05	4.61E-05	9.32E-05	1.25E-05	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.4E-08	3.9E-08	3.5E-08	7.6E-09	1.5E-07
479	R_30	388024.44	3743413.36	388024.44, 3743413.36	3.09439	0.00458	11.6934	2.80093	4.902E-05	5.65E-05	1.03E-04	1.47E-05	2.23E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	3.0E-09	7.3E-08	4.4E-08	4.0E-08	8.8E-09	1.7E-07
480	R_31	388074.44	3742963.36	388074.44, 3742963.36	1.09207	0.00112	5.6342	1.02664	1.73E-05	1.38E-05	4.94E-05	5.38E-06	8.59E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.5E-08
481	R_31	388074.44	3743013.36	388074.44, 3743013.36	1.20148	0.00127	6.10024	1.12631	1.904E-05	1.57E-05	5.35E-05	5.90E-06	9.41E-05	3.3E-08	9.8E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
482	R_31	388074.44	3743063.36	388074.44, 3743063.36	1.3293	0.00145	6.54313	1.24228	2.106E-05	1.79E-05	5.74E-05	6.51E-06	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.8E-08
483	R_31	388074.44	3743113.36	388074.44, 3743113.36	1.48023	0.00167	6.98458	1.37863	2.345E-05	2.06E-05	6.13E-05	7.22E-06	1.13E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.6E-08
484	R_31	388074.44	3743163.36	388074.44, 3743163.36	1.66101	0.00195	7.4622	1.54116	2.632E-05	2.40E-05	6.54E-05	8.08E-06	1.24E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.4E-08
485	R_31	388074.44	3743213.36	388074.44, 3743213.36	1.87876	0.00229	8.00521	1.73601	2.977E-05	2.82E-05	7.02E-05	9.10E-06	1.37E-04	4.8E-08	1.4E-07	8.3E-08	7.5E-08	3.4E-08	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
486	R_31	388074.44	3743263.36	388074.44, 3743263.36	2.14527	0.00271	8.63551	1.97329	3.399E-05	3.34E-05	7.57E-05	1.03E-05	1.53E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	2.1E-09	5.0E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
487	R_31	388074.44	3743313.36	388074.44, 3743313.36	2.47672	0.00323	9.36765	2.26679	3.924E-05	3.98E-05	8.22E-05	1.19E-05	1.73E-04	6.0E-08	1.8E-07	1.0E-07	9.5E-08	4.3E-08	2.4E-09	5.7E-08	3.5E-08	3.1E-08	6.8E-09	1.3E-07
488	R_31	388074.44	3743363.36	388074.44, 3743363.36	2.89741	0.00386	10.24558	2.63716	4.59E-05	4.76E-05	8.99E-05	1.38E-05	1.97E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	6.5E-08	3.9E-08	3.6E-08	7.8E-09	1.5E-07
489	R_31	388074.44	3743413.36	388074.44, 3743413.36	3.44105	0.00459	11.38333	3.1132	5.452E-05	5.66E-05	9.98E-05	1.63E-05	2.27E-04	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.1E-09	7.5E-08	4.5E-08	4.1E-08	9.0E-09	1.7E-07
490	R_32	388074.44	3743463.36	388074.44, 3743463.36	4.16615	0.00545	13.01301	3.74401	6.6E-05	6.72E-05	1.14E-04	1.96E-05	2.67E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.6E-09	8.8E-08	5.3E-08	4.8E-08	1.1E-08	2.0E-07
491	R_32	388124.44	3742963.36	388124.44, 3742963.36	1.16183	0.00121	5.49824	1.09791	1.841E-05	1.49E-05	4.82E-05	5.75E-06	8.73E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.7E-08
492	R_32	388124.44	3743013.36	388124.44, 3743013.36	1.28058	0.00137	5.90472	1.20743	2.029E-05	1.69E-05	5.18E-05	6.33E-06	9.53E-05	3.3E-08	1.0E-07	5.8E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
493	R_32	388124.44	3743063.36	388124.44, 3743063.36	1.41957	0.00155	6.30403	1.33534	2.249E-05	1.91E-05	5.53E-05	7.00E-06	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
494	R_32	388124.44	3743113.36	388124.44, 3743113.36	1.58539	0.00178	6.72393	1.48748	2.512E-05	2.20E-05	5.90E-05	7.80E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
495	R_32	388124.44	3743163.36	388124.44, 3743163.36	1.78235	0.00205	7.18506	1.6679	2.824E-05	2.53E-05	6.30E-05	8.74E-06	1.25E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	4.9E-09	9.5E-08
496	R_32	388124.44	3743213.36	388124.44, 3743213.36	2.02029	0.00238	7.71245	1.88546	3.201E-05	2.94E-05	6.76E-05	9.88E-06	1.39E-04	4.8E-08	1.5E-07	8.4E-08	7.6E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
497	R_32	388124.44	3743263.36	388124.44, 3743263.36	2.31325	0.00277	8.32575	2.15278	3.665E-05	3.42E-05	7.30E-05	1.13E-05	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
498	R_32	388124.44	3743313.36	388124.44, 3743313.36	2.67926	0.00323	9.05228	2.48613	4.245E-05	3.98E-05	7.94E-05	1.30E-05	1.75E-04	6.0E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.7E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
499	R_32	388124.44	3743363.36	388124.44, 3743363.36	3.14315	0.00376	9.95722	2.90849	4.98E-05	4.64E-05	8.73E-05	1.52E-05	1.99E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.5E-08	4.0E-08	3.6E-08	7.8E-09	1.5E-07
500	R_33	388124.44	3743413.36	388124.44, 3743413.36	3.74892	0.00437	11.18256	3.45932	5.939E-05	5.39E-05	9.81E-05	1.81E-05	2.29E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.1E-09	7.5E-08	4.6E-08	4.2E-08	9.1E-09	1.7E-07
501	R_33	388174.44	3742963.36	388174.44, 3742963.36	1.22469	0.00129	5.35264	1.16673	1.94E-05	1.59E-05	4.69E-05	6.11E-06	8.84E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
502	R_33	388174.44	3743013.36	388174.44, 3743013.36	1.35232	0.00145	5.71836	1.2865	2.142E-05	1.79E-05	5.02E-05	6.74E-06	9.62E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
503	R_33	388174.44	3743063.36	388174.44, 3743063.36	1.50106	0.00163	6.08992	1.42617	2.378E-05	2.01E-05	5.34E-05	7.47E-06	1.05E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	8.0E-08
504	R_33	388174.44	3743113.36	388174.44, 3743113.36	1.6781	0.00184	6.48625	1.59195	2.659E-05	2.27E-05	5.69E-05	8.34E-06	1.15E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
505	R_33	388174.44	3743163.36	388174.44, 3743163.36	1.88788	0.00209	6.93575	1.78938	2.991E-05	2.58E-05	6.08E-05	9.38E-06	1.26E-04	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.2E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
506	R_33	388174.44	3743213.36	388174.44, 3743213.36	2.14411	0.00238	7.45091	2.03002	3.397E-05	2.94E-05	6.54E-05	1.06E-05	1.39E-04	4.8E-08	1.5E-07	8.4E-08	7.6E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
507	R_33	388174.44	3743263.36	388174.44, 3743263.36	2.46003	0.00272	8.05633	2.32688	3.897E-05	3.35E-05	7.07E-05	1.22E-05	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
508	R_33	388174.44	3743313.36	388174.44, 3743313.36	2.85504	0.00309	8.79228	2.69844	4.523E-05	3.81E-05	7.71E-05	1.41E-05	1.75E-04	6.0E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.7E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
509	R_33	388174.44	3743363.36	388174.44, 3743363.36	3.36092	0.00353	9.74236	3.17461	5.325E-05	4.35E-05	8.54E-05	1.66E-05	1.99E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.5E-08	4.0E-08	3.6E-08	7.9E-09	1.5E-07
510	R_34	388174.44	3743413.36	388174.44, 3743413.36	4.02461	0.00398	11.03247	3.79942	6.376E-05	4.91E-05	9.68E-05	1.99E-05	2.30E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.1E-09	7.5E-08	4.6E-08	4.2E-08	9.1E-09	1.7E-07
511	R_34	388224.44	3742963.36	388224.44, 3742963.36	1.28066	0.00134	5.20566	1.23038	2.029E-05	1.65E-05	4.57E-05	6.45E-06	8.89E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
512	R_34	388224.44	3743013.36	388224.44, 3743013.36	1.41499	0.00149	5.54047	1.35854	2.242E-05	1.84E-05	4.86E-05	7.12E-06	9.65E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.4E-08
513	R_34	388224.44	3743063.36	388224.44, 3743063.36	1.56997	0.00165	5.87698	1.50633	2.487E-05	2.03E-05	5.15E-05	7.89E-06	1.05E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	8.0E-08
514	R_34	388224.44	3743113.36	388224.44, 3743113.36	1.75821	0.00185	6.27756	1.68694	2.786E-05	2.28E-05	5.51E-05	8.84E-06	1.15E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
515	R_34	388224.44	3743163.36	388224.44, 3743163.36	1.98122	0.00206	6.71251	1.90052	3.139E-05	2.54E-05	5.89E-05	9.96E-06	1.26E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
516	R_34	388224.44	3743213.36	388224.44, 3743213.36	2.25421	0.00231	7.22075	2.16196	3.571E-05	2.85E-05	6.33E-05	1.13E-05	1.39E-04	4.8E-08	1.5E-07	8.4E-08	7.6E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
517	R_34	388224.44	3743263.36	388224.44, 3743263.36	2.59214	0.00259	7.82899	2.48558	4.107E-05	3.19E-05	6.87E-05	1.30E-05	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
518	R_34	388224.44	3743313.36	388224.44, 3743313.36	3.01697	0.0029	8.58535	2.8925	4.78E-05	3.58E-05	7.53E-05	1.52E-05	1.74E-04	6.0E-08	1.8E-07	1.1E-07	9.5E-08	4.4E-08	2.4E-09	5.7E-08	3.5E-08	3.1E-08	6.9E-09	1.3E-07
519	R_34	388224.44	3743363.36	388224.44, 3743363.36	3.56164	0.0032	9.56922	3.41481	5.643E-05	3.95E-05	8.39E-05	1.79E-05	1.98E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	6.5E-08	3.9E-08	3.6E-08	7.8E-09	1.5E-07
520	R_35	388274.44	3742963.36	388274.44, 3742963.36	1.32961	0.00136	5.06147	1.28698	2.107E-05	1.68E-05	4.44E-05	6.74E-06	8.90E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
521	R_35	388274.44	3743013.36	388274.44, 3743013.36	1.4707	0.0015	5.37649	1.42327	2.33E-05	1.85E-05	4.72E-05	7.46E-06	9.64E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
522	W_1	387475.71	3743311.02	387475.71, 3743311.02	1.01772	0.0013	61.72789	0.97633	1.612E-05	1.60E-05	5.41E-04	5.12E-06	5.79E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.9E-09	1.9E-07	1.2E-07	1.0E-07	2.3E-08	4.4E-07
523	W_1	387490.71	3743311.02	387490.71, 3743311.02	1.03596	0.00134	61.08651	0.99279	1.641E-05	1.65E-05	5.36E-04	5.20E-06	5.74E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	1.9E-07	1.1E-07	1.0E-07	2.3E-08	4.4E-07
524	R_35	387451.13	3743316.16	387451.13, 3743316.16	0.99695	0.00125	70.23454	0.95821	1.579E-05	1.54E-05	6.16E-04	5.02E-06	6.52E-04	2.3E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	8.9E-09	2.1E-07	1.3E-07	1.2E-07	2.6E-08	5.0E-07
525	W_1	387379.86	3743317.08	387379.86, 3743317.08	0.91785	0.00107	67.26553	0.88691	1.454E-05	1.32E-05	5.90E-04	4.65E-06	6.22E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	2.0E-07	1.2E-07	1.1E-07	2.5E-08	4.7E-07
526	W_1	387399.86	3743317.08	387399.86, 3743317.08	0.93945	0.00112	69.47466	0.90649	1.488E-05	1.38E-05	6.09E-04	4.75E-06	6.43E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	2.1E-07	1.3E-07	1.2E-07	2.5E-08	4.9E-07
527	W_1	387419.86	3743317.08	387419.86, 3743317.08	0.96187	0.00117	70.87547	0.92674	1.524E-05	1.44E-05	6.22E-04	4.86E-06	6.56E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.0E-07
528	W_1	387439.86	3743317.08	387439.86, 3743317.08	0.9851	0.00122	71.70929	0.94766	1.561E-05	1.50E-05	6.29E-04	4.97E-06	6.65E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	9.0E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
529	R_35	387019.21	3742972.33	387019.21, 3742972.33	0.42535	0.00046	1.74568	0.4156	6.739E-06	5.67E-06	1.53E-05	2.18E-06	2.99E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.5E-09	4.1E-10	9.8E-09	6.0E-09	5.4E-09	1.2E-09	2.3E-08
530	R_35	387019.21	3743022.33	387019.21, 3743022.33	0.44753	0.00048	1.9292	0.43755	7.09E-06	5.92E-06	1.69E-05	2.29E-06	3.22E-05	1.1E-08	3.4E-08	1.9E-08	1.8E-08	8.1E-09	4.4E-10	1.1E-08	6.4E-09	5.8E-09	1.3E-09	2.5E-08
531	R_35	387019.21	3743072.33	387019.21, 3743072.33	0.47214	0.00049	2.15328	0.46192	7.48E-06	6.04E-06	1.89E-05	2.42E-06	3.48E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.7E-09	4.7E-10	1.1E-08	7.0E-09	6.3E-09	1.4E-09	2.7E-08
532	R_35	387019.21	3743122.33	387019.21, 3743122.33	0.49991	0.00051	2.42752	0.48926	7.92E-06	6.29E-06	2.13E-05	2.56E-06	3.81E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	1.3E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
533	R_35	387019.21	3743172.33	387019.21, 3743172.33	0.5313	0.00053	2.74991	0.51988	8.417E-06	6.54E-06	2.41E-05	2.72E-06	4.18E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	1.4E-08	8.3E-09	7.6E-09	1.6E-09	3.2E-08
534	R_35	387019.21	3743222.33	387019.21, 3743222.33	0.56721	0.00055	3.10664	0.5544	8.986E-06	6.78E-06	2.72E-05	2.91E-06	4.59E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.2E-09	8.3E-09	1.8E-09	3.5E-08
535	R_35	387019.21	3743272.33	387019.21, 3743272.33	0.608	0.00058	3.48619	0.59292	9.633E-06	7.15E-06	3.06E-05	3.11E-06	5.05E-05	1.7E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	1.7E-08	1.0E-08	9.1E-09	2.0E-09	3.8E-08
536	R_36	387019.21	3743322.33	387019.21, 3743322.33	0.65418	0.00061	3.90781	0.63574	1.036E-05	7.52E-06	3.43E-05	3.33E-06	5.55E-05	1.9E-08	5.8E-08	3.4E-08	3.0E-08	1.4E-08	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
537	R_36	387069.21	3742972.33	387069.21, 3742972.33	0.44184	0.00049	1.86435	0.43104	7E-06	6.04E-06	1.64E-05	2.26E-06	3.17E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.9E-09	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
538	R_36	387069.21	3743022.33	387069.21, 3743022.33	0.4652	0.0005	2.07124	0.45408	7.37E-06	6.17E-06	1.82E-05	2.38E-06	3.41E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.5E-09	4.6E-10	1.1E-08	6.8E-09	6.2E-09	1.3E-09	2.6E-08
539	R_36	387069.21	3743072.33	387069.21, 3743072.33	0.49098	0.00052	2.3269	0.47958	7.779E-06	6.41E-06	2.04E-05	2.51E-06	3.71E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.3E-09	5.0E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
540	R_36	387069.21	3743122.33	387069.21, 3743122.33	0.51988	0.00054	2.64836	0.50813	8.236E-06	6.66E-06	2.32E-05	2.66E-06	4.08E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	1.3E-08	8.1E-09	7.4E-09	1.6E-09	3.1E-08
541	R_36	387069.21	3743172.33	387069.21, 3743172.33	0.55253	0.00056	3.0465	0.54019	8.754E-06	6.91E-06	2.67E-05	2.83E-06	4.52E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	1.5E-08	9.0E-09	8.2E-09	1.8E-09	3.4E-08
542	R_36	387069.21	3743222.33	387069.21, 3743222.33	0.58991	0.00059	3.51366	0.57642	9.346E-06	7.28E-06	3.08E-05	3.02E-06	5.05E-05	1.7E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	1.7E-08	1.0E-08	9.1E-09	2.0E-09	3.8E-08
543	R_36	387069.21	3743272.33	387069.21, 3743272.33	0.63265	0.00062	4.02452	0.61715	1.002E-05	7.65E-06	3.53E-05	3.23E-06	5.62E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
544	R_36	387069.21	3743322.33	387069.21, 3743322.33	0.68163	0.00065	4.59554	0.6629	1.08E-05	8.02E-06	4.03E-05	3.47E-06	6.26E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.1E-08	1.2E-08	1.1E-08	2.5E-09	4.8E-08
545	R_36	387119.21	3742972.33	387119.21, 3742972.33	0.45918	0.00051	1.99396	0.44729	7.275E-06	6.29E-06	1.75E-05	2.34E-06	3.34E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.4E-09	4.5E-10	1.1E-08	6.7E-09	6.0E-09	1.3E-09	2.5E-08
546	R_37	387119.21	3743022.33	387119.21, 3743022.33	0.48422	0.00053	2.23222	0.47182	7.672E-06	6.54E-06	1.96E-05	2.47E-06	3.63E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.9E-10	1.2E-08	7.2E-09	6.6E-09	1.4E-09	2.8E-08
547	R_37	387119.21	3743072.33	387119.21, 3743072.33	0.5115	0.00055	2.52854	0.49871	8.104E-06	6.78E-06	2.22E-05	2.61E-06	3.97E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	1.3E-08	7.9E-09	7.2E-09	1.6E-09	3.0E-08
548	R_37	387119.21	3743122.33	387119.21, 3743122.33	0.54176	0.00057	2.90844	0.52862	8.583E-06	7.03E-06	2.55E-05	2.77E-06	4.39E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	1.4E-08	8.8E-09	7.9E-09	1.7E-09	3.3E-08
549	R_37	387119.21	3743172.33	387119.21, 3743172.33	0.57587	0.00059	3.4031	0.56225	9.124E-06	7.28E-06	2.98E-05	2.95E-06	4.92E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.7E-08
550	R_37	387119.21	3743222.33	387119.21, 3743222.33	0.6149	0.00062	4.03112	0.60038	9.742E-06	7.65E-06	3.54E-05	3.15E-06	5.59E-05	1.9E-08	5.8E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
551	R_37	387119.21	3743272.33	387119.21, 3743272.33	0.65967	0.00065	4.76554	0.64346	1.045E-05	8.02E-06	4.18E-05	3.37E-06	6.36E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
552	R_37	387119.21	3743322.33	387119.21, 3743322.33	0.71127	0.00069	5.59854	0.69213	1.127E-05	8.51E-06	4.91E-05	3.63E-06	7.25E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.4E-08	1.3E-08	2.9E-09	5.5E-08
553	R_37	387169.21	3742972.33	387169.21, 3742972.33	0.47747	0.00054	2.13378	0.46446	7.565E-06	6.66E-06	1.87E-05	2.43E-06	3.54E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.9E-09	4.8E-10	1.2E-08	7.1E-09	6.4E-09	1.4E-09	2.7E-08
554	R_37	387169.21	3743022.33	387169.21, 3743022.33	0.50422	0.00056	2.40948	0.49048	7.988E-06	6.91E-06	2.11E-05	2.57E-06	3.86E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.2E-10	1.3E-08	7.7E-09	7.0E-09	1.5E-09	2.9E-08
555	R_37	387169.21	3743072.33	387169.21, 3743072.33	0.5334	0.00058	2.75843	0.51907	8.451E-06	7.15E-06	2.42E-05	2.72E-06	4.25E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.2E-08
556	R_38	387169.21	3743122.33	387169.21, 3743122.33	0.56571	0.00061	3.21786	0.55089	8.963E-06	7.52E-06	2.82E-05	2.89E-06	4.76E-05	1.6E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.6E-08	9.5E-09	8.6E-09	1.9E-09	3.6E-08
557	R_38	387169.21	3743172.33	387169.21, 3743172.33	0.60165	0.00063	3.8411	0.58636	9.532E-06	7.77E-06	3.37E-05	3.07E-06	5.41E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	1.8E-08	1.1E-08	9.8E-09	2.1E-09	4.1E-08
558	R_38	387169.21	3743222.33	387169.21, 3743222.33	0.6425	0.00066	4.70208	0.6265	1.018E-05	8.14E-06	4.12E-05	3.28E-06	6.28E-05	2.2E-08	6.6E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
559	R_38	387169.21	3743272.33	387169.21, 3743272.33	0.6894	0.0007	5.8427	0.67206	1.092E-05	8.63E-06	5.12E-05	3.52E-06	7.43E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
560	R_38	387169.21	3743322.33	387169.21, 3743322.33	0.74374	0.00074	7.23397	0.72388	1.178E-05	9.13E-06	6.34E-05	3.79E-06	8.82E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
561	R_38	387219.21	3742972.33	387219.21, 3742972.33	0.49661	0.00057	2.28428	0.48253	7.868E-06	7.03E-06	2.00E-05	2.53E-06	3.75E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
562	R_38	387219.21	3743022.33	387219.21, 3743022.33	0.52546	0.00059	2.60516	0.51036	8.325E-06	7.28E-06	2.28E-05	2.67E-06	4.11E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	1.4E-08	8.2E-09	7.4E-09	1.6E-09	3.1E-08
563	R_38	387219.21	3743072.33	387219.21, 3743072.33	0.55687	0.00062	3.01947	0.54087	8.823E-06	7.65E-06	2.65E-05	2.83E-06	4.58E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.1E-09	8.3E-09	1.8E-09	3.5E-08
564	R_38	387219.21	3743122.33	387219.21, 3743122.33	0.59139	0.00065	3.57919	0.57465	9.369E-06	8.02E-06	3.14E-05	3.01E-06	5.18E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.7E-08	1.0E-08	9.4E-09	2.0E-09	3.9E-08
565	R_38	387219.21	3743172.33	387219.21, 3743172.33	0.62967	0.00068	4.37795	0.61234	9.976E-06	8.39E-06	3.84E-05	3.21E-06	6.00E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
566	R_39	387219.21	3743222.33	387219.21, 3743222.33	0.67298	0.00071	5.59045	0.65499	1.066E-05	8.76E-06	4.90E-05	3.43E-06	7.19E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.8E-09	5.5E-08
567	R_39	387219.21	3743272.33	387219.21, 3743272.33	0.72236	0.00075	7.51023	0.70333	1.144E-05	9.25E-06	6.59E-05	3.69E-06	9.03E-05	3.1E-08	9.4E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
568	R_39	387219.21	3743322.33	387219.21, 3743322.33	0.77964	0.0008	10.47512	0.75855	1.235E-05	9.87E-06	9.19E-05	3.98E-06	1.18E-04	4.1E-08	1.2E-07	7.1E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.1E-08	4.7E-09	9.0E-08
569	R_39	387269.21	3742972.33	387269.21, 3742972.33	0.51638	0.0006	2.45245	0.50131	8.181E-06	7.40E-06	2.15E-05	2.63E-06	3.97E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	1.3E-08	7.9E-09	7.2E-09	1.6E-09	3.0E-08
570	R_39	387269.21	3743022.33	387269.21, 3743022.33	0.54766	0.00063	2.82795	0.53123	8.677E-06	7.77E-06	2.48E-05	2.78E-06	4.40E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	1.4E-08	8.8E-09	8.0E-09	1.7E-09	3.4E-08
571	R_39	387269.21	3743072.33	387269.21, 3743072.33	0.58172	0.00066	3.32475	0.56401	9.216E-06	8.14E-06	2.92E-05	2.96E-06	4.95E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.6E-08	9.9E-09	9.0E-09	2.0E-09	3.8E-08
572	R_39	387269.21	3743122.33	387269.21, 3743122.33	0.6191	0.00069	4.01775	0.60026	9.808E-06	8.51E-06	3.52E-05	3.15E-06	5.67E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
573	R_39	387269.21	3743172.33	387269.21, 3743172.33	0.6603	0.00073	5.05753	0.64055	1.046E-05	9.00E-06	4.44E-05	3.36E-06	6.72E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.7E-09	5.1E-08
574	R_39	387269.21	3743222.33	387269.21, 3743222.33	0.70652	0.00077	6.79894	0.68598	1.119E-05	9.50E-06	5.96E-05	3.59E-06	8.39E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
575	R_39	387269.21	3743272.33	387269.21, 3743272.33	0.75909	0.00082	10.23945	0.73763	1.203E-05	1.01E-05	8.98E-05	3.87E-06	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.8E-08
576	R_40	387269.21	3743322.33	387269.21, 3743322.33	0.81974	0.00087	20.0954	0.79667	1.299E-05	1.07E-05	1.76E-04	4.17E-06	2.04E-04	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.8E-09	6.7E-08	4.1E-08	3.7E-08	8.1E-09	1.6E-07
577	R_40	387319.21	3742972.33	387319.21, 3742972.33	0.5366	0.00064	2.65108	0.5207	8.501E-06	7.89E-06	2.33E-05	2.73E-06	4.24E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.2E-08
578	R_40	387319.21	3743022.33	387319.21, 3743022.33	0.57058	0.00067	3.09607	0.55295	9.04E-06	8.26E-06	2.72E-05	2.90E-06	4.74E-05	1.6E-08	4.9E-08	2.9E-08	2.6E-08	1.2E-08	6.4E-10	1.6E-08	9.5E-09	8.6E-09	1.9E-09	3.6E-08
579	R_40	387319.21	3743072.33	387319.21, 3743072.33	0.60768	0.00071	3.70431	0.58832	9.627E-06	8.76E-06	3.25E-05	3.08E-06	5.40E-05	1.9E-08	5.6E-08	3.3E-08	3.0E-08	1.4E-08	7.3E-10	1.8E-08	1.1E-08	9.8E-09	2.1E-09	4.1E-08
580	R_40	387319.21	3743122.33	387319.21, 3743122.33	0.64836	0.00075	4.58836	0.62737	1.027E-05	9.25E-06	4.02E-05	3.29E-06	6.31E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
581	R_40	387319.21	3743172.33	387319.21, 3743172.33	0.69316	0.00079	5.9999	0.67076	1.098E-05	9.74E-06	5.26E-05	3.52E-06	7.69E-05	2.7E-08	8.0E-08	4.7E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.9E-08
582	R_40	387319.21	3743222.33	387319.21, 3743222.33	0.74325	0.00084	8.64948	0.71965	1.178E-05	1.04E-05	7.59E-05	3.77E-06	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.8E-08
583	R_40	387319.21	3743272.33	387319.21, 3743272.33	0.79969	0.00089	15.38429	0.77503	1.267E-05	1.10E-05	1.35E-04	4.06E-06	1.63E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
584	R_40	387319.21	3743322.33	387319.21, 3743322.33	0.86448	0.00096	57.73489	0.83847	1.37E-05	1.18E-05	5.06E-04	4.39E-06	5.36E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	1.8E-07	1.1E-07	9.7E-08	2.1E-08	4.1E-07
585	R_40	387369.21	3742972.33	387369.21, 3742972.33	0.557	0.00067	2.8875	0.54045	8.825E-06	8.26E-06	2.53E-05	2.83E-06	4.52E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.0E-09	8.2E-09	1.8E-09	3.4E-08
586	R_41	387369.21	3743022.33	387369.21, 3743022.33	0.59403	0.00071	3.41754	0.57539	9.411E-06	8.76E-06	3.00E-05	3.02E-06	5.12E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.7E-08	1.0E-08	9.3E-09	2.0E-09	3.9E-08
587	R_41	387369.21	3743072.33	387369.21, 3743072.33	0.6345	0.00075	4.16611	0.61367	1.005E-05	9.25E-06	3.65E-05	3.22E-06	5.91E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
588	R_41	387369.21	3743122.33	387369.21, 3743122.33	0.67903	0.0008	5.3054	0.65597	1.076E-05	9.87E-06	4.65E-05	3.44E-06	7.06E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
589	R_41	387369.21	3743172.33	387369.21, 3743172.33	0.72817	0.00085	7.24728	0.703	1.154E-05	1.05E-05	6.36E-05	3.68E-06	8.93E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
590	R_41	387369.21	3743222.33	387369.21, 3743222.33	0.78293	0.00091	11.28078	0.75589	1.24E-05	1.12E-05	9.89E-05	3.96E-06	1.27E-04	4.4E-08	1.3E-07	7.7E-08	6.9E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
591	R_41	387369.21	3743272.33	387369.21, 3743272.33	0.84441	0.00098	23.05206	0.8158	1.338E-05	1.21E-05	2.02E-04	4.28E-06	2.32E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.2E-09	7.6E-08	4.6E-08	4.2E-08	9.2E-09	1.8E-07
592	R_41	387419.21	3742972.33	387419.21, 3742972.33	0.57757	0.0007	3.16872	0.56058	9.15E-06	8.63E-06	2.78E-05	2.94E-06	4.85E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
593	R_41	387419.21	3743022.33	387419.21, 3743022.33	0.61771	0.00075	3.79519	0.59832	9.786E-06	9.25E-06	3.33E-05	3.14E-06	5.55E-05	1.9E-08	5.8E-08	3.4E-08	3.0E-08	1.4E-08	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
594	R_41	387419.21	3743072.33	387419.21, 3743072.33	0.66185	0.0008	4.70475	0.63981	1.049E-05	9.87E-06	4.13E-05	3.35E-06	6.50E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
595	R_41	387419.21	3743122.33	387419.21, 3743122.33	0.71067	0.00086	6.1446	0.68578	1.126E-05	1.06E-05	5.39E-05	3.59E-06	7.94E-05	2.7E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
596	R_42	387419.21	3743172.33	387419.21, 3743172.33	0.76475	0.00093	8.73454	0.73695	1.212E-05	1.15E-05	7.66E-05	3.86E-06	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
597	R_42	387419.21	3743222.33	387419.21, 3743222.33	0.8251	0.001	14.30652	0.79448	1.307E-05	1.23E-05	1.25E-04	4.16E-06	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
598	R_42	387419.21	3743272.33	387419.21, 3743272.33	0.89277	0.00108	28.67716	0.85966	1.414E-05	1.33E-05	2.52E-04	4.51E-06	2.83E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	9.3E-08	5.7E-08	5.1E-08	1.1E-08	2.2E-07
599	R_42	387469.21	3743072.33	387469.21, 3743072.33	0.68938	0.00085	5.34846	0.66649	1.092E-05	1.05E-05	4.69E-05	3.49E-06	7.18E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.8E-09	5.5E-08
600	R_42	387469.21	3743122.33	387469.21, 3743122.33	0.74299	0.00092	7.14191	0.71664	1.177E-05	1.13E-05	6.26E-05	3.76E-06	8.95E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
601	R_42	387469.21	3743172.33	387469.21, 3743172.33	0.80258	0.001	10.38508	0.77246	1.272E-05	1.23E-05	9.11E-05	4.05E-06	1.20E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.2E-08
602	R_42	387469.21	3743222.33	387469.21, 3743222.33	0.8694	0.00109	16.84307	0.83537	1.377E-05	1.34E-05	1.48E-04	4.38E-06	1.79E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.1E-09	1.4E-07
603	R_42	387469.21	3743272.33	387469.21, 3743272.33	0.94464	0.00119	31.11869	0.90677	1.497E-05	1.47E-05	2.73E-04	4.75E-06	3.07E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	1.0E-07	6.1E-08	5.6E-08	1.2E-08	2.3E-07
604	W_11	387578.38	3743390.44	387578.38, 3743390.44	1.35334	0.00194	38.30269	1.28713	2.144E-05	2.39E-05	3.36E-04	6.75E-06	3.88E-04	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	5.3E-09	1.3E-07	7.7E-08	7.0E-08	1.5E-08	3.0E-07
605	W_11	387608.38	3743390.44	387608.38, 3743390.44	1.40868	0.00206	28.47603	1.33685	2.232E-05	2.54E-05	2.50E-04	7.01E-06	3.04E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	1.0E-07	6.1E-08	5.5E-08	1.2E-08	2.3E-07
606	W_11	387638.38	3743390.44	387638.38, 3743390.44	1.46571	0.00217	23.31967	1.38915	2.322E-05	2.68E-05	2.05E-04	7.28E-06	2.62E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	8.6E-08	5.2E-08	4.7E-08	1.0E-08	2.0E-07

607	W_1	387369.87	3743365.2	387369.87, 3743365.2	0.98444	0.00113	65.21101	0.95256	1.56E-05	1.39E-05	5.72E-04	4.99E-06	6.06E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
608	W_1	387399.87	3743365.2	387399.87, 3743365.2	1.02045	0.00121	67.02694	0.98558	1.617E-05	1.49E-05	5.88E-04	5.16E-06	6.24E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	2.1E-07	1.2E-07	1.1E-07	2.5E-08	4.8E-07
609	W_1	387429.87	3743365.2	387429.87, 3743365.2	1.05884	0.0013	68.72653	1.02041	1.678E-05	1.60E-05	6.03E-04	5.35E-06	6.41E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	2.1E-07	1.3E-07	1.2E-07	2.5E-08	4.9E-07
610	W_1	387459.87	3743365.2	387459.87, 3743365.2	1.09972	0.00139	71.58662	1.05715	1.742E-05	1.71E-05	6.28E-04	5.54E-06	6.68E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
611	W_1	387489.87	3743365.2	387489.87, 3743365.2	1.14295	0.00149	82.37054	1.09578	1.811E-05	1.84E-05	7.22E-04	5.74E-06	7.65E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
612	W_1	387489.87	3743395.2	387489.87, 3743395.2	1.21153	0.00159	71.66895	1.16215	1.919E-05	1.96E-05	6.29E-04	6.09E-06	6.73E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	2.2E-07	1.3E-07	1.2E-07	2.7E-08	5.1E-07
613	R_42	388754.52	3743939.25	388754.52, 3743939.25	1.13147	0.00056	1.0195	1.24628	1.793E-05	6.91E-06	8.94E-06	6.53E-06	4.03E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	1.3E-08	8.0E-09	7.3E-09	1.6E-09	3.1E-08
614	R_42	388754.52	3743989.25	388754.52, 3743989.25	0.92906	0.0005	0.92935	1.02988	1.472E-05	6.17E-06	8.15E-06	5.40E-06	3.44E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	1.1E-08	6.9E-09	6.2E-09	1.4E-09	2.6E-08
615	R_43	388754.52	3744039.25	388754.52, 3744039.25	0.85153	0.00046	0.93326	0.94156	1.349E-05	5.67E-06	8.19E-06	4.93E-06	3.23E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	1.1E-08	6.4E-09	5.8E-09	1.3E-09	2.5E-08
616	R_43	388754.52	3744089.25	388754.52, 3744089.25	1.10598	0.00045	1.30003	1.21956	1.752E-05	5.55E-06	1.14E-05	6.39E-06	4.09E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	1.3E-08	8.2E-09	7.4E-09	1.6E-09	3.1E-08
617	R_43	388754.52	3744139.25	388754.52, 3744139.25	1.04276	0.00045	1.25268	1.14437	1.652E-05	5.55E-06	1.10E-05	6.00E-06	3.91E-05	1.4E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	1.3E-08	7.8E-09	7.1E-09	1.5E-09	3.0E-08
618	R_43	388754.52	3744189.25	388754.52, 3744189.25	0.9949	0.00045	1.20866	1.08558	1.576E-05	5.55E-06	1.06E-05	5.69E-06	3.76E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
619	R_43	388804.52	3743889.25	388804.52, 3743889.25	1.17994	0.00058	1.0216	1.28638	1.869E-05	7.15E-06	8.96E-06	6.74E-06	4.15E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	1.4E-08	8.3E-09	7.5E-09	1.6E-09	3.2E-08
620	R_43	388804.52	3743939.25	388804.52, 3743939.25	0.96915	0.00051	0.89106	1.05886	1.535E-05	6.29E-06	7.82E-06	5.55E-06	3.50E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.8E-09	4.8E-10	1.2E-08	7.0E-09	6.3E-09	1.4E-09	2.7E-08
621	R_43	388804.52	3743989.25	388804.52, 3743989.25	0.7929	0.00045	0.80977	0.8732	1.256E-05	5.55E-06	7.10E-06	4.58E-06	2.98E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.5E-09	4.1E-10	9.8E-09	5.9E-09	5.4E-09	1.2E-09	2.3E-08
622	R_43	388804.52	3744039.25	388804.52, 3744039.25	0.6736	0.00041	0.75825	0.74199	1.067E-05	5.06E-06	6.65E-06	3.89E-06	2.63E-05	9.1E-09	2.7E-08	1.6E-08	1.4E-08	6.6E-09	3.6E-10	8.6E-09	5.2E-09	4.8E-09	1.0E-09	2.0E-08
623	R_43	388804.52	3744089.25	388804.52, 3744089.25	0.65246	0.0004	0.7719	0.71241	1.034E-05	4.93E-06	6.77E-06	3.73E-06	2.58E-05	8.9E-09	2.7E-08	1.6E-08	1.4E-08	6.5E-09	3.5E-10	8.5E-09	5.1E-09	4.7E-09	1.0E-09	2.0E-08
624	R_43	388804.52	3744139.25	388804.52, 3744139.25	0.9467	0.00041	1.16141	1.03281	1.5E-05	5.06E-06	1.02E-05	5.41E-06	3.57E-05	1.2E-08	3.7E-08	2.2E-08	2.0E-08	8.9E-09	4.8E-10	1.2E-08	7.1E-09	6.5E-09	1.4E-09	2.7E-08
625	R_44	388804.52	3744189.25	388804.52, 3744189.25	0.90497	0.00041	1.12347	0.98255	1.434E-05	5.06E-06	9.85E-06	5.15E-06	3.44E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	1.1E-08	6.9E-09	6.2E-09	1.4E-09	2.6E-08
626	R_44	388804.52	3744239.25	388804.52, 3744239.25	0.86986	0.00041	1.0871	0.93983	1.378E-05	5.06E-06	9.53E-06	4.93E-06	3.33E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	1.1E-08	6.6E-09	6.0E-09	1.3E-09	2.5E-08
627	R_44	388804.52	3744289.25	388804.52, 3744289.25	0.83694	0.00041	1.05145	0.90015	1.326E-05	5.06E-06	9.22E-06	4.72E-06	3.23E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	1.1E-08	6.4E-09	5.8E-09	1.3E-09	2.5E-08
628	R_44	388854.52	3743889.25	388854.52, 3743889.25	1.04347	0.00052	0.92852	1.12917	1.653E-05	6.41E-06	8.14E-06	5.92E-06	3.70E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.3E-09	5.0E-10	1.2E-08	7.4E-09	6.7E-09	1.5E-09	2.8E-08
629	R_44	388854.52	3743939.25	388854.52, 3743939.25	0.86286	0.00046	0.81261	0.93652	1.367E-05	5.67E-06	7.13E-06	4.91E-06	3.14E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.9E-09	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
630	R_44	388854.52	3743989.25	388854.52, 3743989.25	0.71032	0.00041	0.73953	0.77707	1.125E-05	5.06E-06	6.49E-06	4.07E-06	2.69E-05	9.3E-09	2.8E-08	1.6E-08	1.5E-08	6.7E-09	3.7E-10	8.8E-09	5.4E-09	4.9E-09	1.1E-09	2.0E-08
631	R_44	388854.52	3744039.25	388854.52, 3744039.25	0.60403	0.00038	0.6919	0.66139	9.57E-06	4.69E-06	6.07E-06	3.47E-06	2.38E-05	8.2E-09	2.5E-08	1.4E-08	1.3E-08	6.0E-09	3.2E-10	7.8E-09	4.8E-09	4.3E-09	9.4E-10	1.8E-08
632	R_44	388854.52	3744089.25	388854.52, 3744089.25	0.54545	0.00036	0.66019	0.59232	8.642E-06	4.44E-06	5.79E-06	3.10E-06	2.20E-05	7.6E-09	2.3E-08	1.3E-08	1.2E-08	5.5E-09	3.0E-10	7.2E-09	4.4E-09	4.0E-09	8.7E-10	1.7E-08
633	R_44	388854.52	3744139.25	388854.52, 3744139.25	0.64698	0.00036	0.79164	0.69614	1.025E-05	4.44E-06	6.94E-06	3.65E-06	2.53E-05	8.8E-09	2.6E-08	1.5E-08	1.4E-08	6.3E-09	3.4E-10	8.3E-09	5.0E-09	4.6E-09	1.0E-09	1.9E-08
634	R_44	388854.52	3744189.25	388854.52, 3744189.25	0.82741	0.00037	1.04747	0.89429	1.311E-05	4.56E-06	9.19E-06	4.69E-06	3.15E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.9E-09	4.3E-10	1.0E-08	6.3E-09	5.7E-09	1.2E-09	2.4E-08
635	R_45	388854.52	3744239.25	388854.52, 3744239.25	0.79672	0.00037	1.01557	0.85744	1.262E-05	4.56E-06	8.91E-06	4.49E-06	3.06E-05	1.1E-08	3.2E-08	1.9E-08	1.7E-08	7.7E-09	4.2E-10	1.0E-08	6.1E-09	5.5E-09	1.2E-09	2.3E-08
636	R_45	388854.52	3744289.25	388854.52, 3744289.25	0.76863	0.00037	0.98449	0.82387	1.218E-05	4.56E-06	8.63E-06	4.32E-06	2.97E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.4E-09	4.0E-10	9.8E-09	5.9E-09	5.4E-09	1.2E-09	2.3E-08
637	R_45	388854.52	3744339.25	388854.52, 3744339.25	0.7411	0.00038	0.95376	0.79142	1.174E-05	4.69E-06	8.37E-06	4.15E-06	2.89E-05	1.0E-08	3.0E-08	1.8E-08	1.6E-08	7.2E-09	3.9E-10	9.5E-09	5.8E-09	5.2E-09	1.1E-09	2.2E-08
638	R_45	388904.52	3743889.25	388904.52, 3743889.25	0.93276	0.00047	0.85184	1.00324	1.478E-05	5.80E-06	7.47E-06	5.26E-06	3.33E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	1.1E-08	6.6E-09	6.0E-09	1.3E-09	2.5E-08
639	R_45	388904.52	3743939.25	388904.52, 3743939.25	0.7786	0.00042	0.75027	0.84029	1.234E-05	5.18E-06	6.58E-06	4.40E-06	2.85E-05	9.9E-09	3.0E-08	1.7E-08	1.6E-08	7.1E-09	3.9E-10	9.4E-09	5.7E-09	5.2E-09	1.1E-09	2.2E-08
640	R_45	388904.52	3743989.25	388904.52, 3743989.25	0.64333	0.00038	0.68171	0.69962	1.019E-05	4.69E-06	5.98E-06	3.67E-06	2.45E-05	8.5E-09	2.6E-08	1.5E-08	1.3E-08	6.1E-09	3.3E-10	8.1E-09	4.9E-09	4.4E-09	9.7E-10	1.9E-08
641	R_45	388904.52	3744039.25	388904.52, 3744039.25	0.54656	0.00035	0.63597	0.59527	8.659E-06	4.32E-06	5.58E-06	3.12E-06	2.17E-05	7.5E-09	2.3E-08	1.3E-08	1.2E-08	5.4E-09	2.9E-10	7.1E-09	4.3E-09	3.9E-09	8.6E-10	1.7E-08
642	R_45	388904.52	3744089.25	388904.52, 3744089.25	0.49036	0.00034	0.6038	0.53011	7.769E-06	4.19E-06	5.30E-06	2.78E-06	2.00E-05	6.9E-09	2.1E-08	1.2E-08	1.1E-08	5.0E-09	2.7E-10	6.6E-09	4.0E-09	3.6E-09	7.9E-10	1.5E-08
643	R_45	388904.52	3744139.25	388904.52, 3744139.25	0.46134	0.00033	0.5802	0.49389	7.309E-06	4.07E-06	5.09E-06	2.59E-06	1.91E-05	6.6E-09	2.0E-08	1.2E-08	1.0E-08	4.8E-09	2.6E-10	6.3E-09	3.8E-09	3.4E-09	7.5E-10	1.5E-08
644	R_45	388904.52	3744189.25	388904.52, 3744189.25	0.50129	0.00033	0.63386	0.53435	7.942E-06	4.07E-06	5.56E-06	2.80E-06	2.04E-05	7.1E-09	2.1E-08	1.2E-08	1.1E-08	5.1E-09	2.8E-10	6.7E-09	4.1E-09	3.7E-09	8.0E-10	1.6E-08
645	R_46	388904.52	3744239.25	388904.52, 3744239.25	0.55732	0.00033	0.70442	0.59091	8.83E-06	4.07E-06	6.18E-06	3.10E-06	2.22E-05	7.7E-09	2.3E-08	1.3E-08	1.2E-08	5.5E-09	3.0E-10	7.3E-09	4.4E-09	4.0E-09	8.8E-10	1.7E-08
646	R_46	388904.52	3744289.25	388904.52, 3744289.25	0.68384	0.00034	0.766	0.68628	1.083E-05	4.19E-06	6.72E-06	3.60E-06	2.53E-05	8.8E-09	2.6E-08	1.5E-08	1.4E-08	6.3E-09	3.4E-10	8.3E-09	5.1E-09	4.6E-09	1.0E-09	1.9E-08
647	R_46	388904.52	3744339.25	388904.52, 3744339.25	0.68506	0.00035	0.89695	0.72953	1.085E-05	4.32E-06	7.87E-06	3.82E-06	2.69E-05	9.3E-09	2.8E-08	1.6E-08	1.5E-08	6.7E-09	3.7E-10	8.8E-09	5.4E-09	4.9E-09	1.1E-09	2.0E-08
648	R_46	388904.52	3744389.25	388904.52, 3744389.25	0.66127	0.00035	0.86982	0.702	1.048E-05	4.32E-06	7.63E-06	3.68E-06	2.61E-05	9.0E-09	2.7E-08	1.6E-08	1.4E-08	6.5E-09	3.5E-10	8.6E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
649	R_46	388904.52	3744439.25	388904.52, 3744439.25	0.63738	0.00036	0.84291	0.67469	1.01E-05	4.44E-06	7.39E-06	3.54E-06	2.55E-05	8.8E-09	2.7E-08	1.5E-08	1.4E-08	6.4E-09	3.5E-10	8.4E-09	5.1E-09	4.6E-09	1.0E-09	1.9E-08
650	R_46	388954.52	3743939.25	388954.52, 3743939.25	0.70515	0.00039	0.69389	0.75725	1.117E-05	4.81E-06	6.09E-06	3.97E-06	2.60E-05	9.0E-09	2.7E-08	1.6E-08	1.4E-08	6.5E-09	3.5E-10	8.6E-09	5.2E-09	4.7E-09	1.0E-09	2.0E-08
651	R_46	388954.52	3743989.25	388954.52, 3743989.25	0.58022	0.00035	0.62523	0.62781	9.192E-06	4.32E-06	5.48E-06	3.29E-06	2.23E-05	7.7E-09	2.3E-08	1.3E-08	1.2E-08	5.6E-09	3.0E-10	7.3E-09	4.4E-09	4.0E-09	8.8E-10	1.7E-08
652	R_46	388954.52	3744039.25	388954.52, 3744039.25	0.49127	0.00033	0.58068	0.5326	7.783E-06	4.07E-06	5.09E-06	2.79E-06	1.97E-05	6.8E-09	2.1E-08	1.2E-08	1.1E-08	4.9E-09	2.7E-10	6.5E-09	3.9E-09	3.6E-09	7.8E-10	1.5E-08
653	R_46	388954.52	3744089.25	388954.52, 3744089.25	0.43831	0.00031	0.54872	0.47184	6.944E-06	3.82E-06	4.81E-06	2.47E-06	1.81E-05	6.2E-09	1.9E-08	1.1E-08	9.9E-09	4.5E-09	2.5E-10	5.9E-09	3.6E-09	3.3E-09	7.1E-10	1.4E-08
654	R_46	388954.52	3744139.25	388954.52, 3744139.25	0.40892	0.0003	0.52312	0.43585	6.479E-06	3.70E-06	4.59E-06	2.28E-06	1.71E-05	5.9E-09	1.8E-08	1.0E-08	9.4E-09	4.3E-09	2.3E-10	5.6E-09	3.4E-09	3.1E-09	6.7E-10	1.3E-08
655	S_46	388882.82	3743721.97	388882.82, 3743721.97	1.54964	0.00061	1.37926	1.74681	2.455E-05	7.52E-06	1.21E-05	9.15E-06	5.33E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.3E-10	1.8E-08	1.1E-08	9.7E-09	2.1E-09	4.1E-08
656	S_47	388882.82	3743771.97	388882.82, 3743771.97	1.34381	0.00059	1.21492	1.49017	2.129E-05	7.28E-06	1.07E-05	7.81E-06	4.70E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	1.5E-08	9.4E-09	8.5E-09	1.9E-09	3.6E-08
657	S_48	388932.82	3743721.97	388932.82, 3743721.97	1.34004	0.00056	1.23649	1.49357	2.123E-05	6.91E-06	1.08E-05	7.83E-06	4.68E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	1.5E-08	9.3E-09	8.5E-09	1.8E-09	3.6E-08
658	S_49	388932.82	3743771.97	388932.82, 3743771.97	1.18247	0.00054	1.10174	1.29821	1.873E-05	6.66E-06	9.66E-06	6.80E-06	4.19E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	1.4E-08	8.4E-09	7.6E-09	1.7E-09	3.2E-08
659	S_50	388932.82	3743821.97	388932.82, 3743821.97	1.04944	0.00051	0.9671	1.13543	1.663E-05	6.29E-06	8.48E-06	5.95E-06	3.73E-05	1.3E-08	3.9E-08	2.3E-08	2.0E-08	9.3E-09	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.8E-08
660	W_1	387765.02	3743382.77	387765.02, 3743382.77	1.6764	0.0024	15.21274	1.61434	2.656E-05	2.96E-05	1.33E-04	8.46E-06	1.98E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.5E-08	4.0E-08	3.6E-08	7.8E-09	1.5E-07
661	W_1	387815.02	3743382.77	387815.02, 3743382.77	1.78779	0.00252	13.99415	1.74274	2.832E-05	3.11E-05	1.23E-04	9.13E-06	1.91E-04	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
662	W_1	387815.02	3743432.77	387815.02, 3743432.77	2.0654	0.00305	15.76331	2.00078	3.272E-05	3.76E-05	1.38E-04	1.05E-05	2.19E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.6E-09	1.7E-07
663	W_1	387865.02	3743382.77	387865.02, 3743382.77	1.9382	0.00277	13.06463	1.89475	3.071E-05	3.42E-05	1.15E-04	9.93E-06	1.89E-04	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.5E-09	1.4E-07
664	W_1	387865.02	3743432.77	387865.02, 3743432.77	2.24972	0.00341	14.50681	2.19277	3.564E-05	4.21E-05	1.27E-04	1.15E-05	2.16E-04	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	7.1E-08	4.3E-08	3.9E-08	8.5E-09	1.6E-07
665	W_1	387915.02	3743382.77	387915.02, 3743382.77	2.14926	0.00318	12.27686	2.06881	3.405E-05	3.92E-05	1.08E-04	1.08E-05	1.92E-04	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
666	W_1	387915.02	3743432.77	387915.02, 3743432.77	2.51138	0.00396	13.50093	2.41361	3.979E-05	4.88E-05	1.18E-04	1.26E-05	2.20E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.7E-09	1.7E-07
667	W_1	387965.02	3743432.77	387965.02, 3743432.77	2.85387	0.00455	12.75503	2.6584	4.521E-05	5.61E-05	1.12E-04	1.39E-05	2.27E-04	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.1E-09	7.5E-08	4.5E-08	4.1E-08	9.0E-09	1.7E-07
668		387713.39	3743372.67	387713.39, 3743372.67	1.53809	0.00224	16.90097	1.46727	2.437E-05	2.76E-05	1.48E-04	7.69E-06	2.08E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
669		387763.39	3743422.67	387763.39, 3743422.67	1.86846	0.00277	16.83989	1.78696	2.96E-05	3.42E-05	1.48E-04	9.36E-06	2.21E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.3E-08	4.4E-08	4.0E-08	8.7E-09	1.7E-07
670	R_47	387583.29	3743113.63	387583.29, 3743113.63	0.80434	0.00102	8.90265	0.77794	1.274E-05	1.26E-05	7.81E-05	4.08E-06	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
671	R_47	387583.29	3743163.63	387583.29, 3743163.63	0.87637	0.00113	12.29718	0.84472	1.388E-05	1.39E-05	1.08E-04	4.43E-06	1.40E-04	4.8E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
672	R_47	387583.29	3743213.63	387583.29, 3743213.63	0.9586	0.00126	17.47348	0.92065	1.519E-05	1.55E-05	1.53E-04	4.82E-06	1.89E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.5E-09	1.4E-07
673	R_47	387583.29	3743263.63	387583.29, 3743263.63	1.05259	0.00142	25.50823	1.00729	1.668E-05	1.75E-05	2.24E-04	5.28E-06	2.63E-04	9.1E-08	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	8.6E-08	5.3E-08	4.8E-08	1.0E-08	2.0E-07
674	R_47	387633.29	3743163.63	387633.29, 3743163.63	0.91282	0.00118	12.47712	0.88234	1.446E-05	1.46E-05	1.09E-04	4.62E-06	1.43E-04	5.0E-08	1.5E-07	8.7E-08	7.8E-08	3.6E-08	1.9E-09	4.7E-08	2.9E-08	2.6E-08	5.6E-09	1.1E-07
675	R_47	387633.29	3743213.63	387633.29, 3743213.63	1.00265	0.00133	16.50247	0.96519	1.589E-05	1.64E-05	1.45E-04	5.06E-06	1.82E-04	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	6.0E-08	3.6E-08	3.3E-08	7.2E-09	1.4E-07
676	R_47	387633.29	3743263.63	387633.29, 3743263.63	1.10656	0.00151	21.01258	1.06048	1.753E-05	1.86E-05	1.84E-04	5.56E-06	2.26E-04	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.1E-09	7.4E-08	4.5E-08	4.1E-08	8.9E-09	1.7E-07
677	R_47	387633.29	3743313.63	387633.29, 3743313.63	1.22756	0.00172	23.69038	1.17103	1.945E-05	2.12E-05	2.08E-04	6.14E-06	2.55E-04	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	8.4E-08	5.1E-08	4.6E-08	1.0E-08	1.9E-07
678	R_47	387683.29	3743263.63	387683.29, 3743263.63	1.1601	0.00157	17.05757	1.11674	1.838E-05	1.94E-05	1.50E-04	5.85E-06	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.9E-08	3.5E-08	7.6E-09	1.5E-07
679	R_47	387683.29	3743313.63	387683.29, 3743313.63	1.29402	0.00181	18.04342	1.23878	2.05E-05	2.23E-05	1.58E-04	6.49E-06	2.08E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.1E-08	3.8E-08	8.2E-09	1.6E-07
680	W_1	388242.48	3743969.33	388242.48, 3743969.33	8.885	0.00232	5.27154	14.63648	0.0001408	2.86E-05	4.62E-05	7.67E-05	2.92E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.2E-08	2.2E-07
681	W_1	388242.48	3744019.33	388242.48, 3744019.33	7.02623	0.00231	4.68623	10.5797	0.0001113	2.85E-05	4.11E-05	5.54E-05	2.36E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.8E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
682	W_1	388242.48	3744069.33	388242.48, 3744069.33	6.02858	0.00251	4.21504	8.43808	9.551E-05	3.10E-05	3.70E-05	4.42E-05	2.08E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.1E-08	3.8E-08	8.2E-09	1.6E-07
683	W_1	388242.48	3744119.33	388242.48, 3744119.33	5.22567	0.00278	3.81635	6.8898	8.279E-05	3.43E-05	3.35E-05	3.61E-05	1.87E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.4E-09	1.4E-07
684	W_1	388242.48	3744169.33	388242.48, 3744169.33	4.5293	0.00302	3.46912	5.69463	7.176E-05	3.72E-05	3.04E-05	2.98E-05	1.69E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
685	W_1	388242.48	3744219.33	388242.48, 3744219.33	3.93768	0.00318	3.16082	4.75851	6.238E-05	3.92E-05	2.77E-05	2.49E-05	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
686	W_1	388242.48	3744269.33	388242.48, 3744269.33	3.43733	0.00323	2.88456	4.02134	5.446E-05	3.98E-05	2.53E-05	2.11E-05	1.41E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.6E-09	1.1E-07
687	W_1	388242.48	3744319.33	388242.48, 3744319.33	3.01931	0.00318	2.64153	3.43593	4.784E-05	3.92E-05	2.32E-05	1.80E-05	1.28E-04	4.4E-08	1.3E-07	7.8E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
688	W_1	388242.48	3744369.33	388242.48, 3744369.33	2.66873	0.00305	2.42765	2.96684	4.228E-05	3.76E-05	2.13E-05	1.55E-05	1.17E-04	4.0E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
689	W_1	388242.48	3744419.33	388242.48, 3744419.33	2.37071	0.00286	2.23795	2.58549	3.756E-05	3.53E-05	1.96E-05	1.35E-05	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
690	W_1	388242.48	3744469.33	388242.48, 3744469.33	2.11621	0.00265	2.06949	2.27211	3.353E-05	3.27E-05	1.82E-05	1.19E-05	9.63E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
691	W_1	388292.48	3743969.33	388292.48, 3743969.33	6.55598	0.00195	4.35347	9.55172	0.0001039	2.40E-05	3.82E-05	5.01E-05	2.16E-04	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	7.1E-08	4.3E-08	3.9E-08	8.5E-09	1.6E-07
692	W_1	388292.48	3744019.33	388292.48, 3744019.33	5.30287	0.00186	3.9338	7.34197	8.401E-05	2.29E-05	3.45E-05	3.85E-05	1.80E-04	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.4E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
693	W_1	388292.48	3744069.33	388292.48, 3744069.33	4.63455	0.00196	3.58958	6.11464	7.343E-05	2.42E-05	3.15E-05	3.20E-05	1.61E-04	5.6E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
694	W_1	388292.48	3744119.33	388292.48, 3744119.33	4.12152	0.00213	3.29329	5.22236	6.53E-05	2.63E-05	2.89E-05	2.74E-05	1.48E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.8E-09	1.1E-07
695	W_1	388292.48	3744169.33	388292.48, 3744169.33	3.65859	0.00229	3.02993	4.49516	5.796E-05	2.82E-05	2.66E-05	2.36E-05	1.36E-04	4.7E-08	1.4E-07	8.2E-08	7.5E-08	3.4E-08	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
696	W_1	388292.48	3744219.33	388292.48, 3744219.33	3.24673	0.00242	2.79152	3.888	5.144E-05	2.98E-05	2.45E-05	2.04E-05	1.26E-04	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.2E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
697	W_1	388292.48	3744269.33	388292.48, 3744269.33	2.88847	0.00249	2.57483	3.3807	4.576E-05	3.07E-05	2.26E-05	1.77E-05	1.17E-04	4.0E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
698	W_1	388292.48	3744319.33	388292.48, 3744319.33	2.57543	0.00249	2.37675	2.95458	4.08E-05	3.07E-05	2.08E-05	1.55E-05	1.08E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.2E-08	2.0E-08	4.3E-09	8.2E-08
699	W_1	388292.48	3744369.33	388292.48, 3744369.33	2.31233	0.00242	2.20238	2.60306	3.663E-05	2.98E-05	1.93E-05	1.36E-05	9.94E-05	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
700	W_1	388292.48	3744419.33	388292.48, 3744419.33	2.083	0.00231	2.04526	2.30569	3.3E-05	2.85E-05	1.79E-05	1.21E-05	9.15E-05	3.2E-08	9.6E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
701	W_1	388292.48	3744469.33	388292.48, 3744469.33	1.88273	0.00217	1.90264	2.05402	2.983E-05	2.68E-05	1.67E-05	1.08E-05	8.40E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
702	W_1	388292.48	3744519.33	388292.48, 3744519.33	1.70733	0.00202	1.77335	1.8399	2.705E-05	2.49E-05	1.56E-05	9.64E-06	7.72E-05	2.7E-08	8.1E-08	4.7E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.9E-08
703	W_1	388292.48	3744569.33	388292.48, 3744569.33	1.55344	0.00187	1.65691	1.65626	2.461E-05	2.31E-05	1.45E-05	8.68E-06	7.09E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
704	R_48	388780.42	3742965.27	388780.42, 3742965.27	1.95229	0.00083	4.31607	1.91286	3.093E-05	1.02E-05	3.79E-05	1.00E-05	8.90E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
705	R_48	388780.42	3743015.27	388780.42, 3743015.27	2.19558	0.00083	4.54641	2.14801	3.478E-05	1.02E-05	3.99E-05	1.13E-05	9.62E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
706	R_48	388780.42	3743065.27	388780.42, 3743065.27	2.47642	0.00082	4.75807	2.42073	3.923E-05	1.01E-05	4.17E-05	1.27E-05	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
707	R_48	388780.42	3743115.27	388780.42, 3743115.27	2.80078	0.00082	4.94012	2.74027	4.437E-05	1.01E-05	4.33E-05	1.44E-05	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.6E-08
708	R_48	388780.42	3743165.27	388780.42, 3743165.27	3.1675	0.00081	5.06924	3.11087	5.018E-05	9.99E-06	4.45E-05	1.63E-05	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
709	R_48	388780.42	3743215.27	388780.42, 3743215.27	3.56391	0.0008	5.11244	3.5279	5.646E-05	9.87E-06	4.48E-05	1.85E-05	1.30E-04	4.5E-08	1.4E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	4.3E-08	2.6E-08	2.3E-08	5.1E-09	9.9E-08
710	R_48	388830.42	3742965.27	388830.42, 3742965.27	2.01607	0.00077	4.22133	1.97455	3.194E-05	9.50E-06	3.70E-05	1.03E-05	8.88E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
711	R_48	388830.42	3743015.27	388830.42, 3743015.27	2.26521	0.00077	4.41652	2.21576	3.589E-05	9.50E-06	3.87E-05	1.16E-05	9.57E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
712	R_48	388830.42	3743065.27	388830.42, 3743065.27	2.55419	0.00076	4.59239	2.49824	4.047E-05	9.37E-06	4.03E-05	1.31E-05	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
713	R_48	388830.42	3743115.27	388830.42, 3743115.27	2.87947	0.00075	4.72285	2.82347	4.562E-05	9.25E-06	4.14E-05	1.48E-05	1.11E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
714	R_49	388830.42	3743165.27	388830.42, 3743165.27	3.22946	0.00075	4.77922	3.1868	5.116E-05	9.25E-06	4.19E-05	1.67E-05	1.19E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
715	R_49	388880.42	3742965.27	388880.42, 3742965.27	2.08159	0.00072	4.11747	2.03724	3.298E-05	8.88E-06	3.61E-05	1.07E-05	8.86E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
716	R_49	388880.42	3743015.27	388880.42, 3743015.27	2.3319	0.00071	4.2698	2.28217	3.694E-05	8.76E-06	3.74E-05	1.20E-05	9.51E-05	3.3E-08	9.9E-08	5.8E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.2E-08
717	R_49	388880.42	3743065.27	388880.42, 3743065.27	2.61585	0.00071	4.39293	2.56493	4.144E-05	8.76E-06	3.85E-05	1.34E-05	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	3.4E-08	2.0E-08	1.8E-08	4.0E-09	7.8E-08
718	R_49	388880.42	3743115.27	388880.42, 3743115.27	2.92046	0.0007	4.45589	2.87912	4.627E-05	8.63E-06	3.91E-05	1.51E-05	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
719	R_49	388880.42	3743165.27	388880.42, 3743165.27	3.22934	0.00069	4.43801	3.21382	5.116E-05	8.51E-06	3.89E-05	1.68E-05	1.15E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.8E-08
720	R_49	388930.42	3742965.27	388930.42, 3742965.27	2.14051	0.00067	3.98851	2.09555	3.391E-05	8.26E-06	3.50E-05	1.10E-05	8.81E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
721	R_49	388930.42	3743015.27	388930.42, 3743015.27	2.3867	0.00067	4.09771	2.34103	3.781E-05	8.26E-06	3.59E-05	1.23E-05	9.43E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
722	R_49	388930.42	3743065.27	388930.42, 3743065.27	2.65545	0.00066	4.16614	2.61606	4.207E-05	8.14E-06	3.65E-05	1.37E-05	1.00E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
723	R_49	388930.42	3743115.27	388930.42, 3743115.27	2.93031	0.00065	4.16857	2.90985	4.643E-05	8.02E-06	3.66E-05	1.52E-05	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
724	R_50	388930.42	3743165.27	388930.42, 3743165.27	3.18787	0.00064	4.08787	3.20362	5.051E-05	7.89E-06	3.59E-05	1.68E-05	1.11E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08

Residential DOSEair = (Cair*(BR/BW)*A*EF*10^{-6})

A	1	Inhalation absorption factor[1]
EF	0.96	Exposure frequency (350/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk = DOSEair * CPF * ASF * ED/AT * FAH

CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	BR/BW	ASF	FAH	ED (Ops)
3rd	361	10	1	0.25
0<2	1090	10	1	2
2<9	631	3	1	7
9<16	572	3	1	7
16<30	261	1	0.73	13.75
			Total:	30

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5

Worker Risk (Unmitigated)

Discrete Receptor ID				Concentration [ug/m^3] Construction Total	Concentration [ug/m^3] Operations Total	Worker Dose Construction	Worker Dose Operations	Worker Risk Construction	Worker Risk Operations	Worker Risk Combined
	X	Y	X, Y							
1 W_1	387507.26	3743641.71	387507.26, 3	5.06E-05	3.36E-04	8.0E-09	5.3E-08	2.0E-10	2.1E-08	2.0E-08
2 W_2	387507.26	3743691.71	387507.26, 3	5.20E-05	3.09E-04	8.2E-09	4.9E-08	2.0E-10	1.9E-08	1.8E-08
3 W_3	387507.26	3743741.71	387507.26, 3	5.10E-05	3.09E-04	8.0E-09	4.9E-08	2.0E-10	1.9E-08	1.8E-08
4 W_4	387507.26	3743791.71	387507.26, 3	5.23E-05	3.05E-04	8.2E-09	4.8E-08	2.0E-10	1.9E-08	1.8E-08
5 W_5	387507.26	3743841.71	387507.26, 3	5.37E-05	2.94E-04	8.5E-09	4.6E-08	2.1E-10	1.8E-08	1.7E-08
6 W_6	387557.26	3743641.71	387557.26, 3	5.49E-05	4.44E-04	8.6E-09	7.0E-08	2.2E-10	2.8E-08	2.6E-08
7 W_7	387557.26	3743691.71	387557.26, 3	5.15E-05	4.40E-04	8.1E-09	6.9E-08	2.0E-10	2.7E-08	2.6E-08
8 W_8	387557.26	3743741.71	387557.26, 3	5.25E-05	4.53E-04	8.3E-09	7.1E-08	2.1E-10	2.8E-08	2.6E-08
9 W_9	387557.26	3743791.71	387557.26, 3	5.42E-05	4.25E-04	8.5E-09	6.7E-08	2.1E-10	2.6E-08	2.5E-08
10 W_1(	387557.26	3743841.71	387557.26, 3	5.54E-05	3.83E-04	8.7E-09	6.0E-08	2.2E-10	2.4E-08	2.2E-08
11 W_1:	387557.26	3743891.71	387557.26, 3	5.67E-05	3.49E-04	8.9E-09	5.5E-08	2.2E-10	2.2E-08	2.0E-08
12 W_1:	387557.26	3743941.71	387557.26, 3	5.81E-05	3.27E-04	9.1E-09	5.2E-08	2.3E-10	2.0E-08	1.9E-08
13 W_1:	387557.26	3743991.71	387557.26, 3	5.95E-05	3.07E-04	9.4E-09	4.8E-08	2.3E-10	1.9E-08	1.8E-08
14 W_1-	387607.26	3743841.71	387607.26, 3	6.11E-05	5.36E-04	9.6E-09	8.4E-08	2.4E-10	3.3E-08	3.1E-08
15 W_1!	387607.26	3743891.71	387607.26, 3	5.17E-05	4.50E-04	8.1E-09	7.1E-08	2.0E-10	2.8E-08	2.6E-08
16 W_1(	387607.26	3743941.71	387607.26, 3	5.32E-05	4.14E-04	8.4E-09	6.5E-08	2.1E-10	2.6E-08	2.4E-08
17 W_1:	387607.26	3743991.71	387607.26, 3	5.46E-05	3.85E-04	8.6E-09	6.1E-08	2.1E-10	2.4E-08	2.3E-08
18 W_1!	387607.26	3744041.71	387607.26, 3	5.59E-05	3.47E-04	8.8E-09	5.5E-08	2.2E-10	2.1E-08	2.0E-08
19 W_1!	387607.26	3744091.71	387607.26, 3	5.72E-05	3.07E-04	9.0E-09	4.8E-08	2.2E-10	1.9E-08	1.8E-08
20 W_2(	387657.26	3743841.71	387657.26, 3	5.87E-05	7.83E-04	9.2E-09	1.2E-07	2.3E-10	4.8E-08	4.6E-08
21 W_2:	387657.26	3743891.71	387657.26, 3	6.02E-05	5.94E-04	9.5E-09	9.4E-08	2.4E-10	3.7E-08	3.5E-08
22 W_2-	387657.26	3743941.71	387657.26, 3	6.17E-05	5.44E-04	9.7E-09	8.6E-08	2.4E-10	3.4E-08	3.2E-08
23 W_2:	387657.26	3743991.71	387657.26, 3	5.22E-05	5.03E-04	8.2E-09	7.9E-08	2.0E-10	3.1E-08	2.9E-08
24 W_2-	387657.26	3744041.71	387657.26, 3	5.37E-05	4.47E-04	8.5E-09	7.0E-08	2.1E-10	2.8E-08	2.6E-08
25 W_2!	387657.26	3744091.71	387657.26, 3	5.50E-05	3.88E-04	8.7E-09	6.1E-08	2.2E-10	2.4E-08	2.3E-08
26 W_2(	387657.26	3744141.71	387657.26, 3	5.64E-05	3.34E-04	8.9E-09	5.3E-08	2.2E-10	2.1E-08	2.0E-08
27 W_2:	387707.26	3743841.71	387707.26, 3	5.78E-05	1.03E-03	9.1E-09	1.6E-07	2.3E-10	6.4E-08	6.0E-08
28 W_2-	387707.26	3743891.71	387707.26, 3	5.91E-05	8.19E-04	9.3E-09	1.3E-07	2.3E-10	5.1E-08	4.8E-08
29 W_2!	387707.26	3743941.71	387707.26, 3	6.07E-05	7.76E-04	9.6E-09	1.2E-07	2.4E-10	4.8E-08	4.5E-08
30 W_3(	387707.26	3743991.71	387707.26, 3	6.23E-05	7.14E-04	9.8E-09	1.1E-07	2.4E-10	4.4E-08	4.2E-08
31 W_3:	387707.26	3744041.71	387707.26, 3	5.27E-05	6.12E-04	8.3E-09	9.6E-08	2.1E-10	3.8E-08	3.6E-08
32 W_3-	387707.26	3744091.71	387707.26, 3	5.43E-05	5.12E-04	8.5E-09	8.1E-08	2.1E-10	3.2E-08	3.0E-08
33 W_3:	387707.26	3744141.71	387707.26, 3	5.55E-05	4.24E-04	8.7E-09	6.7E-08	2.2E-10	2.6E-08	2.5E-08
34 W_3-	387757.26	3743841.71	387757.26, 3	5.69E-05	1.46E-03	9.0E-09	2.3E-07	2.2E-10	9.1E-08	8.5E-08
35 W_3!	387757.26	3743891.71	387757.26, 3	5.83E-05	1.45E-03	9.2E-09	2.3E-07	2.3E-10	9.0E-08	8.4E-08
36 W_3(	387757.26	3743941.71	387757.26, 3	5.97E-05	1.49E-03	9.4E-09	2.4E-07	2.3E-10	9.2E-08	8.7E-08
37 W_3:	387757.26	3743991.71	387757.26, 3	6.13E-05	1.19E-03	9.6E-09	1.9E-07	2.4E-10	7.4E-08	6.9E-08
38 W_3-	387757.26	3744041.71	387757.26, 3	6.29E-05	8.93E-04	9.9E-09	1.4E-07	2.5E-10	5.5E-08	5.2E-08
39 W_3!	387757.26	3744091.71	387757.26, 3	5.33E-05	6.85E-04	8.4E-09	1.1E-07	2.1E-10	4.2E-08	4.0E-08
40 W_4(	387757.26	3744141.71	387757.26, 3	5.46E-05	5.33E-04	8.6E-09	8.4E-08	2.1E-10	3.3E-08	3.1E-08
41 W_4:	387862.1	3744056.02	387862.1, 37	5.59E-05	1.29E-03	8.8E-09	2.0E-07	2.2E-10	8.0E-08	7.5E-08
42 W_4-	387862.1	3744106.02	387862.1, 37	5.73E-05	8.60E-04	9.0E-09	1.4E-07	2.2E-10	5.3E-08	5.0E-08
43 W_4:	387912.1	3744056.02	387912.1, 37	5.88E-05	1.21E-03	9.3E-09	1.9E-07	2.3E-10	7.5E-08	7.0E-08
44 W_4-	387912.1	3744106.02	387912.1, 37	6.02E-05	8.61E-04	9.5E-09	1.4E-07	2.4E-10	5.3E-08	5.0E-08
45 W_4!	387962.1	3744056.02	387962.1, 37	6.18E-05	1.15E-03	9.7E-09	1.8E-07	2.4E-10	7.1E-08	6.7E-08
46 W_4(	387962.1	3744106.02	387962.1, 37	6.35E-05	7.75E-04	1.0E-08	1.2E-07	2.5E-10	4.8E-08	4.5E-08
47 W_4:	388012.1	3744056.02	388012.1, 37	5.38E-05	9.87E-04	8.5E-09	1.6E-07	2.1E-10	6.1E-08	5.7E-08
48 W_4!	388012.1	3744106.02	388012.1, 37	5.51E-05	6.64E-04	8.7E-09	1.0E-07	2.2E-10	4.1E-08	3.9E-08
49 W_4!	388062.1	3744056.02	388062.1, 37	5.63E-05	7.65E-04	8.9E-09	1.2E-07	2.2E-10	4.7E-08	4.5E-08
50 W_5(	388062.1	3744106.02	388062.1, 37	5.78E-05	5.29E-04	9.1E-09	8.3E-08	2.3E-10	3.3E-08	3.1E-08
51	387863.31	3744015.45	387863.31, 3	5.92E-05	1.77E-03	9.3E-09	2.8E-07	2.3E-10	1.1E-07	1.0E-07
52	387913.31	3744015.45	387913.31, 3	6.07E-05	1.72E-03	9.6E-09	2.7E-07	2.4E-10	1.1E-07	1.0E-07
53	387963.31	3744015.45	387963.31, 3	6.23E-05	1.71E-03	9.8E-09	2.7E-07	2.4E-10	1.1E-07	9.9E-08
54	388013.31	3744015.45	388013.31, 3	6.40E-05	1.52E-03	1.0E-08	2.4E-07	2.5E-10	9.4E-08	8.8E-08
55	388063.31	3744015.45	388063.31, 3	5.40E-05	1.13E-03	8.5E-09	1.8E-07	2.1E-10	7.0E-08	6.6E-08
56	387826.23	3744056.86	387826.23, 3	5.54E-05	1.17E-03	8.7E-09	1.9E-07	2.2E-10	7.3E-08	6.8E-08
57	387826.23	3744106.86	387826.23, 3	5.67E-05	8.18E-04	8.9E-09	1.3E-07	2.2E-10	5.1E-08	4.8E-08
58	387827.44	3744016.29	387827.44, 3	5.82E-05	1.70E-03	9.2E-09	2.7E-07	2.3E-10	1.1E-07	9.9E-08
59 W_5:	387689.52	3743645.82	387689.52, 3	5.97E-05	5.07E-04	9.4E-09	8.0E-08	2.3E-10	3.1E-08	3.0E-08
60 W_5-	387689.52	3743695.82	387689.52, 3	6.11E-05	5.38E-04	9.6E-09	8.5E-08	2.4E-10	3.3E-08	3.1E-08
61 W_5:	387689.52	3743745.82	387689.52, 3	6.28E-05	6.56E-04	9.9E-09	1.0E-07	2.5E-10	4.1E-08	3.8E-08
62 W_5-	387739.52	3743645.82	387739.52, 3	6.46E-05	4.17E-04	1.0E-08	6.6E-08	2.5E-10	2.6E-08	2.4E-08
63 W_5!	387739.52	3743695.82	387739.52, 3	5.44E-05	4.97E-04	8.6E-09	7.8E-08	2.1E-10	3.1E-08	2.9E-08
64 W_5(	387739.52	3743745.82	387739.52, 3	5.57E-05	6.64E-04	8.8E-09	1.0E-07	2.2E-10	4.1E-08	3.9E-08
65 W_5:	387789.52	3743645.82	387789.52, 3	5.71E-05	4.08E-04	9.0E-09	6.4E-08	2.2E-10	2.5E-08	2.4E-08
66 W_5-	387789.52	3743695.82	387789.52, 3	5.85E-05	5.25E-04	9.2E-09	8.3E-08	2.3E-10	3.2E-08	3.1E-08
67 W_5!	387789.52	3743745.82	387789.52, 3	6.00E-05	7.60E-04	9.5E-09	1.2E-07	2.4E-10	4.7E-08	4.4E-08
68 W_6(	387839.52	3743645.82	387839.52, 3	6.16E-05	4.38E-04	9.7E-09	6.9E-08	2.4E-10	2.7E-08	2.6E-08
69 W_6:	387839.52	3743695.82	387839.52, 3	6.32E-05	6.01E-04	1.0E-08	9.5E-08	2.5E-10	3.7E-08	3.5E-08
70 W_6-	387839.52	3743745.82	387839.52, 3	6.50E-05	9.53E-04	1.0E-08	1.5E-07	2.5E-10	5.9E-08	5.5E-08
71 W_6:	387889.52	3743645.82	387889.52, 3	5.45E-05	4.93E-04	8.6E-09	7.8E-08	2.1E-10	3.1E-08	2.9E-08
72 W_6-	387889.52	3743695.82	387889.52, 3	5.60E-05	7.17E-04	8.8E-09	1.1E-07	2.2E-10	4.4E-08	4.2E-08
73 W_6!	387889.52	3743745.82	387889.52, 3	5.74E-05	1.15E-03	9.0E-09	1.8E-07	2.2E-10	7.1E-08	6.7E-08
74 W_6(	387939.52	3743695.82	387939.52, 3	5.89E-05	8.31E-04	9.3E-09	1.3E-07	2.3E-10	5.1E-08	4.8E-08
75 W_6:	387939.52	3743745.82	387939.52, 3	6.04E-05	1.22E-03	9.5E-09	1.9E-07	2.4E-10	7.6E-08	7.1E-08
76 W_6!	387989.52	3743745.82	387989.52, 3	6.19E-05	1.24E-03	9.8E-09	1.9E-07	2.4E-10	7.6E-08	7.2E-08
77	387692.61	3743778.61	387692.61, 3	6.36E-05	8.60E-04	1.0E-08	1.4E-07	2.5E-10	5.3E-08	5.0E-08
78	387742.61	3743778.61	387742.61, 3	6.55E-05	9.30E-04	1.0E-08	1.5E-07	2.6E-10	5.8E-08	5.4E-08
79	387792.61	3743778.61	387792.61, 3	5.45E-05	1.14E-03	8.6E-09	1.8E-07	2.1E-10	7.0E-08	6.6E-08
80	387842.61	3743778.61	387842.61, 3	5.62E-05	1.57E-03	8.9E-09	2.5E-07	2.2E-10	9.7E-08	9.1E-08

81	387892.61	3743778.61	387892.61, 3	5.76E-05	1.67E-03	9.1E-09	2.6E-07	2.3E-10	1.0E-07	9.7E-08
82	387942.61	3743778.61	387942.61, 3	5.91E-05	1.75E-03	9.3E-09	2.8E-07	2.3E-10	1.1E-07	1.0E-07
83	387992.61	3743778.61	387992.61, 3	6.06E-05	1.78E-03	9.6E-09	2.8E-07	2.4E-10	1.1E-07	1.0E-07
84	387654.54	3743692.47	387654.54, 3	6.23E-05	6.81E-04	9.8E-09	1.1E-07	2.4E-10	4.2E-08	4.0E-08
85	387654.54	3743742.47	387654.54, 3	6.40E-05	7.43E-04	1.0E-08	1.2E-07	2.5E-10	4.6E-08	4.3E-08
86 W_6	387705.59	3744244.86	387705.59, 3	6.58E-05	2.96E-04	1.0E-08	4.7E-08	2.6E-10	1.8E-08	1.7E-08
87 W_7(	387705.59	3744294.86	387705.59, 3	5.47E-05	2.51E-04	8.6E-09	4.0E-08	2.1E-10	1.6E-08	1.5E-08
88 W_7	387755.59	3744244.86	387755.59, 3	5.63E-05	3.46E-04	8.9E-09	5.4E-08	2.2E-10	2.1E-08	2.0E-08
89 W_7	387755.59	3744294.86	387755.59, 3	5.78E-05	2.86E-04	9.1E-09	4.5E-08	2.3E-10	1.8E-08	1.7E-08
90 W_7	387755.59	3744344.86	387755.59, 3	5.93E-05	2.38E-04	9.3E-09	3.8E-08	2.3E-10	1.5E-08	1.4E-08
91 W_7	387755.59	3744394.86	387755.59, 3	6.09E-05	2.00E-04	9.6E-09	3.1E-08	2.4E-10	1.2E-08	1.2E-08
92 W_7	387805.59	3744294.86	387805.59, 3	6.25E-05	3.13E-04	9.8E-09	4.9E-08	2.4E-10	1.9E-08	1.8E-08
93 W_7(	387805.59	3744344.86	387805.59, 3	6.43E-05	2.58E-04	1.0E-08	4.1E-08	2.5E-10	1.6E-08	1.5E-08
94 W_7	387805.59	3744394.86	387805.59, 3	6.61E-05	2.14E-04	1.0E-08	3.4E-08	2.6E-10	1.3E-08	1.3E-08
95 W_7	387805.59	3744444.86	387805.59, 3	5.50E-05	1.79E-04	8.7E-09	2.8E-08	2.2E-10	1.1E-08	1.1E-08
96 W_7	387805.59	3744494.86	387805.59, 3	5.64E-05	1.51E-04	8.9E-09	2.4E-08	2.2E-10	9.4E-09	9.0E-09
97 W_8(	387805.59	3744544.86	387805.59, 3	5.78E-05	1.29E-04	9.1E-09	2.0E-08	2.3E-10	8.0E-09	7.7E-09
98 W_8	387855.59	3744444.86	387855.59, 3	5.93E-05	1.85E-04	9.3E-09	2.9E-08	2.3E-10	1.1E-08	1.1E-08
99 W_8	387855.59	3744494.86	387855.59, 3	6.10E-05	1.56E-04	9.6E-09	2.5E-08	2.4E-10	9.6E-09	9.3E-09
100 W_8	387855.59	3744544.86	387855.59, 3	6.27E-05	1.32E-04	9.9E-09	2.1E-08	2.5E-10	8.2E-09	7.9E-09
101 W_8	387855.59	3744594.86	387855.59, 3	6.45E-05	1.14E-04	1.0E-08	1.8E-08	2.5E-10	7.0E-09	6.9E-09
102 W_8	387905.59	3744544.86	387905.59, 3	6.63E-05	1.33E-04	1.0E-08	2.1E-08	2.6E-10	8.3E-09	8.0E-09
103 W_8(	387905.59	3744594.86	387905.59, 3	5.48E-05	1.15E-04	8.6E-09	1.8E-08	2.1E-10	7.1E-09	6.9E-09
104 W_8	387905.59	3744644.86	387905.59, 3	5.64E-05	9.94E-05	8.9E-09	1.6E-08	2.2E-10	6.2E-09	6.0E-09
105 W_8	387905.59	3744694.86	387905.59, 3	5.79E-05	8.71E-05	9.1E-09	1.4E-08	2.3E-10	5.4E-09	5.3E-09
106 W_8	387955.59	3744644.86	387955.59, 3	5.94E-05	9.85E-05	9.4E-09	1.6E-08	2.3E-10	6.1E-09	5.9E-09
107 S_1	387463.28	3744230.92	387463.28, 3	6.11E-05	1.37E-04	9.6E-09	2.2E-08	2.4E-10	8.5E-09	8.2E-09
108 S_2	387463.28	3744280.92	387463.28, 3	6.27E-05	1.22E-04	9.9E-09	1.9E-08	2.5E-10	7.6E-09	7.3E-09
109 S_3	387463.28	3744330.92	387463.28, 3	6.45E-05	1.10E-04	1.0E-08	1.7E-08	2.5E-10	6.8E-09	6.6E-09
110 S_4	387513.28	3744230.92	387513.28, 3	6.64E-05	1.57E-04	1.0E-08	2.5E-08	2.6E-10	9.7E-09	9.3E-09
111 S_5	387513.28	3744280.92	387513.28, 3	5.50E-05	1.40E-04	8.7E-09	2.2E-08	2.2E-10	8.7E-09	8.3E-09
112 S_6	387513.28	3744330.92	387513.28, 3	5.63E-05	1.26E-04	8.9E-09	2.0E-08	2.2E-10	7.8E-09	7.5E-09
113 S_7	387513.28	3744380.92	387513.28, 3	5.78E-05	1.13E-04	9.1E-09	1.8E-08	2.3E-10	7.0E-09	6.8E-09
114 S_8	387513.28	3744430.92	387513.28, 3	5.94E-05	1.02E-04	9.4E-09	1.6E-08	2.3E-10	6.3E-09	6.2E-09
115 S_9	387513.28	3744480.92	387513.28, 3	6.10E-05	9.26E-05	9.6E-09	1.5E-08	2.4E-10	5.7E-09	5.6E-09
116 S_10	387563.28	3744230.92	387563.28, 3	6.27E-05	1.83E-04	9.9E-09	2.9E-08	2.5E-10	1.1E-08	1.1E-08
117 S_11	387563.28	3744280.92	387563.28, 3	6.45E-05	1.63E-04	1.0E-08	2.6E-08	2.5E-10	1.0E-08	9.7E-09
118 S_12	387563.28	3744330.92	387563.28, 3	6.64E-05	1.45E-04	1.0E-08	2.3E-08	2.6E-10	9.0E-09	8.7E-09
119 S_13	387563.28	3744380.92	387563.28, 3	5.49E-05	1.30E-04	8.6E-09	2.0E-08	2.2E-10	8.0E-09	7.7E-09
120 S_14	387563.28	3744430.92	387563.28, 3	5.62E-05	1.16E-04	8.9E-09	1.8E-08	2.2E-10	7.2E-09	7.0E-09
121 S_15	387563.28	3744480.92	387563.28, 3	5.78E-05	1.04E-04	9.1E-09	1.6E-08	2.3E-10	6.4E-09	6.2E-09
122 S_16	387563.28	3744530.92	387563.28, 3	5.93E-05	9.30E-05	9.3E-09	1.5E-08	2.3E-10	5.8E-09	5.6E-09
123 S_17	387563.28	3744580.92	387563.28, 3	6.10E-05	8.34E-05	9.6E-09	1.3E-08	2.4E-10	5.2E-09	5.1E-09
124 S_18	387563.28	3744630.92	387563.28, 3	6.26E-05	7.52E-05	9.9E-09	1.2E-08	2.5E-10	4.7E-09	4.6E-09
125 S_19	387613.28	3744230.92	387613.28, 3	6.44E-05	2.19E-04	1.0E-08	3.4E-08	2.5E-10	1.4E-08	1.3E-08
126 S_20	387613.28	3744280.92	387613.28, 3	6.63E-05	1.93E-04	1.0E-08	3.0E-08	2.6E-10	1.2E-08	1.1E-08
127 S_21	387613.28	3744330.92	387613.28, 3	5.47E-05	1.70E-04	8.6E-09	2.7E-08	2.1E-10	1.1E-08	1.0E-08
128 S_22	387613.28	3744380.92	387613.28, 3	5.60E-05	1.49E-04	8.8E-09	2.4E-08	2.2E-10	9.3E-09	8.9E-09
129 S_23	387613.28	3744430.92	387613.28, 3	5.75E-05	1.32E-04	9.1E-09	2.1E-08	2.3E-10	8.1E-09	7.9E-09
130 S_24	387613.28	3744480.92	387613.28, 3	5.90E-05	1.16E-04	9.3E-09	1.8E-08	2.3E-10	7.2E-09	7.0E-09
131 S_25	387613.28	3744530.92	387613.28, 3	6.07E-05	1.03E-04	9.6E-09	1.6E-08	2.4E-10	6.3E-09	6.2E-09
132 S_26	387613.28	3744580.92	387613.28, 3	6.23E-05	9.11E-05	9.8E-09	1.4E-08	2.4E-10	5.6E-09	5.5E-09
133 S_27	387613.28	3744630.92	387613.28, 3	6.42E-05	8.13E-05	1.0E-08	1.3E-08	2.5E-10	5.0E-09	5.0E-09
134 S_28	387613.28	3744680.92	387613.28, 3	6.60E-05	7.30E-05	1.0E-08	1.1E-08	2.6E-10	4.5E-09	4.5E-09
135 S_29	387663.28	3744330.92	387663.28, 3	5.45E-05	1.98E-04	8.6E-09	3.1E-08	2.1E-10	1.2E-08	1.2E-08
136 S_30	387663.28	3744380.92	387663.28, 3	5.58E-05	1.71E-04	8.8E-09	2.7E-08	2.2E-10	1.1E-08	1.0E-08
137 S_31	387663.28	3744430.92	387663.28, 3	5.72E-05	1.48E-04	9.0E-09	2.3E-08	2.2E-10	9.2E-09	8.8E-09
138 S_32	387663.28	3744480.92	387663.28, 3	5.88E-05	1.29E-04	9.3E-09	2.0E-08	2.3E-10	8.0E-09	7.7E-09
139 S_33	387663.28	3744530.92	387663.28, 3	6.03E-05	1.12E-04	9.5E-09	1.8E-08	2.4E-10	7.0E-09	6.8E-09
140 S_34	387663.28	3744580.92	387663.28, 3	6.20E-05	9.88E-05	9.8E-09	1.6E-08	2.4E-10	6.1E-09	6.0E-09
141 S_35	387663.28	3744630.92	387663.28, 3	6.39E-05	8.73E-05	1.0E-08	1.4E-08	2.5E-10	5.4E-09	5.3E-09
142 S_36	387663.28	3744680.92	387663.28, 3	6.58E-05	7.77E-05	1.0E-08	1.2E-08	2.6E-10	4.8E-09	4.8E-09
143 S_37	387713.28	3744480.92	387713.28, 3	5.42E-05	1.41E-04	8.5E-09	2.2E-08	2.1E-10	8.7E-09	8.4E-09
144 S_38	387713.28	3744530.92	387713.28, 3	5.56E-05	1.22E-04	8.8E-09	1.9E-08	2.2E-10	7.5E-09	7.3E-09
145 S_39	387713.28	3744580.92	387713.28, 3	5.71E-05	1.06E-04	9.0E-09	1.7E-08	2.2E-10	6.6E-09	6.4E-09
146 S_40	387713.28	3744630.92	387713.28, 3	5.83E-05	9.29E-05	9.2E-09	1.5E-08	2.3E-10	5.7E-09	5.6E-09
147 S_41	387713.28	3744680.92	387713.28, 3	6.00E-05	8.21E-05	9.5E-09	1.3E-08	2.4E-10	5.1E-09	5.0E-09
148 S_42	387763.28	3744580.92	387763.28, 3	6.16E-05	1.12E-04	9.7E-09	1.8E-08	2.4E-10	6.9E-09	6.7E-09
149 S_43	387763.28	3744630.92	387763.28, 3	6.36E-05	9.76E-05	1.0E-08	1.5E-08	2.5E-10	6.0E-09	5.9E-09
150 S_44	387763.28	3744680.92	387763.28, 3	6.53E-05	8.57E-05	1.0E-08	1.3E-08	2.6E-10	5.3E-09	5.2E-09
151 S_45	387813.28	3744680.92	387813.28, 3	5.34E-05	8.83E-05	8.4E-09	1.4E-08	2.1E-10	5.5E-09	5.3E-09
152	387465.01	3744212.81	387465.01, 3	5.48E-05	1.43E-04	8.6E-09	2.3E-08	2.1E-10	8.9E-09	8.5E-09
153	387515.01	3744212.81	387515.01, 3	5.62E-05	1.64E-04	8.9E-09	2.6E-08	2.2E-10	1.0E-08	9.7E-09
154	387565.01	3744212.81	387565.01, 3	5.80E-05	1.93E-04	9.1E-09	3.0E-08	2.3E-10	1.2E-08	1.1E-08
155	387615.01	3744212.81	387615.01, 3	5.95E-05	2.31E-04	9.4E-09	3.6E-08	2.3E-10	1.4E-08	1.4E-08
156	387436.03	3744192.12	387436.03, 3	6.11E-05	1.39E-04	9.6E-09	2.2E-08	2.4E-10	8.6E-09	8.3E-09
157 R_1	386968.99	3743502.23	386968.99, 3	6.30E-05	6.27E-05	9.9E-09	9.9E-09	2.5E-10	3.9E-09	3.9E-09
158 R_2	386968.99	3743552.23	386968.99, 3	6.50E-05	6.45E-05	1.0E-08	1.0E-08	2.5E-10	4.0E-09	4.0E-09
159 R_3	386968.99	3743602.23	386968.99, 3	5.30E-05	6.59E-05	8.4E-09	1.0E-08	2.1E-10	4.1E-09	4.0E-09
160 R_4	386968.99	3743652.23	386968.99, 3	5.43E-05	6.70E-05	8.6E-09	1.1E-08	2.1E-10	4.1E-09	4.1E-09
161 R_5	386968.99	3743702.23	386968.99, 3	5.59E-05	6.75E-05	8.8E-09	1.1E-08	2.2E-10	4.2E-09	4.1E-09
162 R_6	386968.99	3743752.23	386968.99, 3	5.74E-05	6.77E-05	9.0E-09	1.1E-08	2.2E-10	4.2E-09	4.1E-09
163 R_7	386968.99	3743802.23	386968.99, 3	5.88E-05	6.76E-05	9.3E-09	1.1E-08	2.3E-10	4.2E-09	4.1E-09
164 R_8	386968.99	3743852.23	386968.99, 3	6.07E-05	6.76E-05	9.6E-09	1.1E-08	2.4E-10	4.2E-09	4.2E-09
165 R_9	386968.99	3743902.23	386968.99, 3	6.24E-05	6.77E-05	9.8E-09	1.1E-08	2.4E-10	4.2E-09	4.2E-09
166 R_10	386968.99	3743952.23	386968.99, 3	6.41E-05	6.78E-05	1.0E-08	1.1E-08	2.5E-10	4.2E-09	4.2E-09
167 R_11	386968.99	3744002.23	386968.99, 3	5.25E-05	6.74E-05	8.3E-09	1.1E-08	2.1E-10	4.2E-09	4.1E-09
168 R_12	386968.99	3744052.23	386968.99, 3	5.39E-05	6.65E-05	8.5E-09	1.0E-08	2.1E-10	4.1E-09	4.1E-09
169 R_13	386968.99	3744102.23	386968.99, 3	5.52E-05	6.48E-05	8.7E-09	1.0E-08	2.2E-10	4.0E-09	4.0E-09
170 R_14	386968.99	3744152.23	386968.99, 3	5.67E-05	6.24E-05	8.9E-09	9.8E-09	2.2E-10	3.9E-09	3.8E-09

171	R_15	387018.99	3743502.23	387018.99,	5.83E-05	6.89E-05	9.2E-09	1.1E-08	2.3E-10	4.3E-09	4.2E-09
172	R_16	387018.99	3743552.23	387018.99,	6.00E-05	7.07E-05	9.5E-09	1.1E-08	2.4E-10	4.4E-09	4.3E-09
173	R_17	387018.99	3743602.23	387018.99,	6.17E-05	7.22E-05	9.7E-09	1.1E-08	2.4E-10	4.5E-09	4.4E-09
174	R_18	387018.99	3743652.23	387018.99,	6.35E-05	7.34E-05	1.0E-08	1.2E-08	2.5E-10	4.5E-09	4.5E-09
175	R_19	387018.99	3743702.23	387018.99,	5.19E-05	7.41E-05	8.2E-09	1.2E-08	2.0E-10	4.6E-09	4.5E-09
176	R_20	387018.99	3743752.23	387018.99,	5.32E-05	7.43E-05	8.4E-09	1.2E-08	2.1E-10	4.6E-09	4.5E-09
177	R_21	387018.99	3743802.23	387018.99,	5.46E-05	7.42E-05	8.6E-09	1.2E-08	2.1E-10	4.6E-09	4.5E-09
178	R_22	387018.99	3743852.23	387018.99,	5.61E-05	7.40E-05	8.8E-09	1.2E-08	2.2E-10	4.6E-09	4.5E-09
179	R_23	387018.99	3743902.23	387018.99,	5.76E-05	7.40E-05	9.1E-09	1.2E-08	2.3E-10	4.6E-09	4.5E-09
180	R_24	387018.99	3743952.23	387018.99,	5.93E-05	7.41E-05	9.3E-09	1.2E-08	2.3E-10	4.6E-09	4.5E-09
181	R_25	387018.99	3744002.23	387018.99,	6.09E-05	7.36E-05	9.6E-09	1.2E-08	2.4E-10	4.6E-09	4.5E-09
182	R_26	387018.99	3744052.23	387018.99,	6.27E-05	7.23E-05	9.9E-09	1.1E-08	2.5E-10	4.5E-09	4.4E-09
183	R_27	387018.99	3744102.23	387018.99,	5.14E-05	7.02E-05	8.1E-09	1.1E-08	2.0E-10	4.3E-09	4.3E-09
184	R_28	387018.99	3744152.23	387018.99,	5.27E-05	6.73E-05	8.3E-09	1.1E-08	2.1E-10	4.2E-09	4.1E-09
185	R_29	387068.99	3743502.23	387068.99,	5.40E-05	7.66E-05	8.5E-09	1.2E-08	2.1E-10	4.7E-09	4.7E-09
186	R_30	387068.99	3743552.23	387068.99,	5.55E-05	7.80E-05	8.7E-09	1.2E-08	2.2E-10	4.8E-09	4.7E-09
187	R_31	387068.99	3743602.23	387068.99,	5.70E-05	7.96E-05	9.0E-09	1.3E-08	2.2E-10	4.9E-09	4.8E-09
188	R_32	387068.99	3743652.23	387068.99,	5.86E-05	8.09E-05	9.2E-09	1.3E-08	2.3E-10	5.0E-09	4.9E-09
189	R_33	387068.99	3743702.23	387068.99,	6.02E-05	8.17E-05	9.5E-09	1.3E-08	2.4E-10	5.1E-09	5.0E-09
190	R_34	387068.99	3743752.23	387068.99,	6.19E-05	8.19E-05	9.8E-09	1.3E-08	2.4E-10	5.1E-09	5.0E-09
191	R_35	387068.99	3743802.23	387068.99,	5.08E-05	8.18E-05	8.0E-09	1.3E-08	2.0E-10	5.1E-09	4.9E-09
192	R_36	387068.99	3743852.23	387068.99,	5.21E-05	8.15E-05	8.2E-09	1.3E-08	2.0E-10	5.0E-09	4.9E-09
193	R_37	387068.99	3743902.23	387068.99,	5.34E-05	8.14E-05	8.4E-09	1.3E-08	2.1E-10	5.0E-09	4.9E-09
194	R_38	387068.99	3743952.23	387068.99,	5.48E-05	8.14E-05	8.6E-09	1.3E-08	2.1E-10	5.0E-09	4.9E-09
195	R_39	387068.99	3744002.23	387068.99,	5.62E-05	8.07E-05	8.9E-09	1.3E-08	2.2E-10	5.0E-09	4.9E-09
196	R_40	387068.99	3744052.23	387068.99,	5.78E-05	7.90E-05	9.1E-09	1.2E-08	2.3E-10	4.9E-09	4.8E-09
197	R_41	387068.99	3744102.23	387068.99,	5.94E-05	7.63E-05	9.4E-09	1.2E-08	2.3E-10	4.7E-09	4.7E-09
198	R_42	387068.99	3744152.23	387068.99,	6.11E-05	7.29E-05	9.6E-09	1.1E-08	2.4E-10	4.5E-09	4.5E-09
199	R_43	387118.99	3743502.23	387118.99,	5.01E-05	8.57E-05	7.9E-09	1.4E-08	2.0E-10	5.3E-09	5.2E-09
200	R_44	387118.99	3743552.23	387118.99,	5.13E-05	8.69E-05	8.1E-09	1.4E-08	2.0E-10	5.4E-09	5.2E-09
201	R_45	387118.99	3743602.23	387118.99,	5.26E-05	8.85E-05	8.3E-09	1.4E-08	2.1E-10	5.5E-09	5.3E-09
202	R_46	387118.99	3743652.23	387118.99,	5.40E-05	9.01E-05	8.5E-09	1.4E-08	2.1E-10	5.6E-09	5.4E-09
203	R_47	387118.99	3743702.23	387118.99,	5.54E-05	9.09E-05	8.7E-09	1.4E-08	2.2E-10	5.6E-09	5.5E-09
204	R_48	387118.99	3743752.23	387118.99,	5.69E-05	9.09E-05	9.0E-09	1.4E-08	2.2E-10	5.6E-09	5.5E-09
205	R_49	387118.99	3743802.23	387118.99,	5.85E-05	9.07E-05	9.2E-09	1.4E-08	2.3E-10	5.6E-09	5.5E-09
206	R_50	387118.99	3743852.23	387118.99,	6.01E-05	9.03E-05	9.5E-09	1.4E-08	2.4E-10	5.6E-09	5.5E-09
207	R_51	387118.99	3743902.23	387118.99,	4.94E-05	9.01E-05	7.8E-09	1.4E-08	1.9E-10	5.6E-09	5.4E-09
208	R_52	387118.99	3743952.23	387118.99,	5.06E-05	8.99E-05	8.0E-09	1.4E-08	2.0E-10	5.6E-09	5.4E-09
209	R_53	387118.99	3744002.23	387118.99,	5.19E-05	8.90E-05	8.2E-09	1.4E-08	2.0E-10	5.5E-09	5.4E-09
210	R_54	387118.99	3744052.23	387118.99,	5.32E-05	8.68E-05	8.4E-09	1.4E-08	2.1E-10	5.4E-09	5.2E-09
211	R_55	387118.99	3744102.23	387118.99,	5.46E-05	8.34E-05	8.6E-09	1.3E-08	2.1E-10	5.2E-09	5.1E-09
212	R_56	387118.99	3744152.23	387118.99,	5.60E-05	7.92E-05	8.8E-09	1.2E-08	2.2E-10	4.9E-09	4.8E-09
213	R_57	387168.99	3743502.23	387168.99,	5.75E-05	9.74E-05	9.1E-09	1.5E-08	2.3E-10	6.0E-09	5.9E-09
214	R_58	387168.99	3743552.23	387168.99,	5.92E-05	9.81E-05	9.3E-09	1.5E-08	2.3E-10	6.1E-09	5.9E-09
215	R_59	387168.99	3743602.23	387168.99,	4.87E-05	9.95E-05	7.7E-09	1.6E-08	1.9E-10	6.2E-09	6.0E-09
216	R_60	387168.99	3743652.23	387168.99,	4.99E-05	1.01E-04	7.9E-09	1.6E-08	2.0E-10	6.2E-09	6.0E-09
217	R_61	387168.99	3743702.23	387168.99,	5.10E-05	1.02E-04	8.0E-09	1.6E-08	2.0E-10	6.3E-09	6.1E-09
218	R_62	387168.99	3743752.23	387168.99,	5.23E-05	1.02E-04	8.2E-09	1.6E-08	2.1E-10	6.3E-09	6.1E-09
219	R_63	387168.99	3743802.23	387168.99,	5.37E-05	1.01E-04	8.5E-09	1.6E-08	2.1E-10	6.3E-09	6.1E-09
220	R_64	387168.99	3743852.23	387168.99,	5.51E-05	1.01E-04	8.7E-09	1.6E-08	2.2E-10	6.2E-09	6.1E-09
221	R_65	387168.99	3743902.23	387168.99,	5.66E-05	1.00E-04	8.9E-09	1.6E-08	2.2E-10	6.2E-09	6.0E-09
222	R_66	387168.99	3743952.23	387168.99,	5.81E-05	1.00E-04	9.2E-09	1.6E-08	2.3E-10	6.2E-09	6.0E-09
223	R_67	387168.99	3744002.23	387168.99,	4.79E-05	9.87E-05	7.5E-09	1.6E-08	1.9E-10	6.1E-09	5.9E-09
224	R_68	387168.99	3744052.23	387168.99,	4.90E-05	9.59E-05	7.7E-09	1.5E-08	1.9E-10	5.9E-09	5.7E-09
225	R_69	387168.99	3744102.23	387168.99,	5.02E-05	9.16E-05	7.9E-09	1.4E-08	2.0E-10	5.7E-09	5.5E-09
226	R_70	387168.99	3744152.23	387168.99,	5.15E-05	8.64E-05	8.1E-09	1.4E-08	2.0E-10	5.3E-09	5.2E-09
227	R_71	387218.99	3743502.23	387218.99,	5.28E-05	1.13E-04	8.3E-09	1.8E-08	2.1E-10	7.0E-09	6.8E-09
228	R_72	387218.99	3743552.23	387218.99,	5.41E-05	1.12E-04	8.5E-09	1.8E-08	2.1E-10	7.0E-09	6.7E-09
229	R_73	387218.99	3743602.23	387218.99,	5.55E-05	1.13E-04	8.7E-09	1.8E-08	2.2E-10	7.0E-09	6.8E-09
230	R_74	387218.99	3743652.23	387218.99,	5.71E-05	1.14E-04	9.0E-09	1.8E-08	2.2E-10	7.1E-09	6.8E-09
231	R_75	387218.99	3743702.23	387218.99,	4.72E-05	1.14E-04	7.4E-09	1.8E-08	1.8E-10	7.1E-09	6.8E-09
232	R_76	387218.99	3743752.23	387218.99,	4.82E-05	1.15E-04	7.6E-09	1.8E-08	1.9E-10	7.1E-09	6.8E-09
233	R_77	387218.99	3743802.23	387218.99,	4.93E-05	1.14E-04	7.8E-09	1.8E-08	1.9E-10	7.1E-09	6.8E-09
234	R_78	387218.99	3743852.23	387218.99,	5.05E-05	1.14E-04	8.0E-09	1.8E-08	2.0E-10	7.0E-09	6.8E-09
235	R_79	387218.99	3743902.23	387218.99,	5.18E-05	1.13E-04	8.2E-09	1.8E-08	2.0E-10	7.0E-09	6.7E-09
236	R_80	387218.99	3743952.23	387218.99,	5.31E-05	1.12E-04	8.4E-09	1.8E-08	2.1E-10	6.9E-09	6.7E-09
237	R_81	387218.99	3744002.23	387218.99,	5.45E-05	1.10E-04	8.6E-09	1.7E-08	2.1E-10	6.8E-09	6.6E-09
238	R_82	387218.99	3744052.23	387218.99,	5.59E-05	1.06E-04	8.8E-09	1.7E-08	2.2E-10	6.6E-09	6.4E-09
239	R_83	387218.99	3744102.23	387218.99,	4.63E-05	1.01E-04	7.3E-09	1.6E-08	1.8E-10	6.3E-09	6.0E-09
240	R_84	387218.99	3744152.23	387218.99,	4.73E-05	9.46E-05	7.5E-09	1.5E-08	1.9E-10	5.9E-09	5.7E-09
241	R_85	387268.99	3743502.23	387268.99,	4.84E-05	1.34E-04	7.6E-09	2.1E-08	1.9E-10	8.3E-09	8.0E-09
242	R_86	387268.99	3743552.23	387268.99,	4.95E-05	1.31E-04	7.8E-09	2.1E-08	1.9E-10	8.1E-09	7.8E-09
243	R_87	387268.99	3743602.23	387268.99,	5.08E-05	1.31E-04	8.0E-09	2.1E-08	2.0E-10	8.1E-09	7.8E-09
244	R_88	387268.99	3743652.23	387268.99,	5.20E-05	1.30E-04	8.2E-09	2.1E-08	2.0E-10	8.1E-09	7.8E-09
245	R_89	387268.99	3743702.23	387268.99,	5.33E-05	1.30E-04	8.4E-09	2.1E-08	2.1E-10	8.1E-09	7.8E-09
246	R_90	387268.99	3743752.23	387268.99,	5.47E-05	1.30E-04	8.6E-09	2.1E-08	2.1E-10	8.1E-09	7.8E-09
247	R_91	387268.99	3743802.23	387268.99,	4.54E-05	1.30E-04	7.2E-09	2.0E-08	1.8E-10	8.0E-09	7.7E-09
248	R_92	387268.99	3743852.23	387268.99,	4.64E-05	1.29E-04	7.3E-09	2.0E-08	1.8E-10	8.0E-09	7.7E-09
249	R_93	387268.99	3743902.23	387268.99,	4.74E-05	1.28E-04	7.5E-09	2.0E-08	1.9E-10	7.9E-09	7.6E-09
250	R_94	387268.99	3743952.23	387268.99,	4.85E-05	1.27E-04	7.6E-09	2.0E-08	1.9E-10	7.8E-09	7.5E-09
251	R_95	387268.99	3744002.23	387268.99,	4.97E-05	1.24E-04	7.8E-09	2.0E-08	1.9E-10	7.7E-09	7.4E-09
252	R_96	387268.99	3744052.23	387268.99,	5.08E-05	1.19E-04	8.0E-09	1.9E-08	2.0E-10	7.4E-09	7.1E-09
253	R_97	387268.99	3744102.23	387268.99,	5.21E-05	1.12E-04	8.2E-09	1.8E-08	2.0E-10	6.9E-09	6.7E-09
254	R_98	387268.99	3744152.23	387268.99,	5.34E-05	1.04E-04	8.4E-09	1.6E-08	2.1E-10	6.4E-09	6.2E-09
255	R_99	387318.99	3743552.23	387318.99,	4.45E-05	1.58E-04	7.0E-09	2.5E-08	1.7E-10	9.8E-09	9.3E-09
256	R_100	387318.99	3743602.23	387318.99,	4.54E-05	1.54E-04	7.2E-09	2.4E-08	1.8E-10	9.5E-09	9.1E-09
257	R_101	387318.99	3743652.23	387318.99,	4.64E-05	1.51E-04	7.3E-09	2.4E-08	1.8E-10	9.3E-09	8.9E-09
258	R_102	387318.99	3743702.23	387318.99,	4.74E-05	1.50E-04	7.5E-09	2.4E-08	1.9E-10	9.3E-09	8.9E-09
259	R_103	387318.99	3743752.23	387318.99,	4.86E-05	1.50E-04	7.6E-09	2.4E-08	1.9E-10	9.3E-09	8.9E-09
260	R_104	387318.99	3743802.23	387318.99,	4.96E-05	1.50E-04	7.8E-09	2.4E-08	1.9E-10	9.3E-09	8.9E-09

261	R_10	387318.99	3743852.23	387318.99,	5.08E-05	1.48E-04	8.0E-09	2.3E-08	2.0E-10	9.2E-09	8.8E-09
262	R_10	387318.99	3743902.23	387318.99,	5.21E-05	1.46E-04	8.2E-09	2.3E-08	2.0E-10	9.1E-09	8.7E-09
263	R_10	387318.99	3743952.23	387318.99,	4.35E-05	1.44E-04	6.9E-09	2.3E-08	1.7E-10	8.9E-09	8.5E-09
264	R_10	387318.99	3744002.23	387318.99,	4.44E-05	1.41E-04	7.0E-09	2.2E-08	1.7E-10	8.7E-09	8.3E-09
265	R_10	387318.99	3744052.23	387318.99,	4.54E-05	1.34E-04	7.2E-09	2.1E-08	1.8E-10	8.3E-09	7.9E-09
266	R_11	387318.99	3744102.23	387318.99,	4.64E-05	1.25E-04	7.3E-09	2.0E-08	1.8E-10	7.7E-09	7.4E-09
267	R_11	387318.99	3744152.23	387318.99,	4.75E-05	1.16E-04	7.5E-09	1.8E-08	1.9E-10	7.2E-09	6.9E-09
268	R_11	387368.99	3743652.23	387368.99,	4.85E-05	1.78E-04	7.6E-09	2.8E-08	1.9E-10	1.1E-08	1.1E-08
269	R_11	387368.99	3743702.23	387368.99,	4.96E-05	1.75E-04	7.8E-09	2.8E-08	1.9E-10	1.1E-08	1.0E-08
270	R_11	387368.99	3743752.23	387368.99,	5.08E-05	1.75E-04	8.0E-09	2.8E-08	2.0E-10	1.1E-08	1.0E-08
271	R_11	387368.99	3743802.23	387368.99,	4.26E-05	1.75E-04	6.7E-09	2.8E-08	1.7E-10	1.1E-08	1.0E-08
272	R_11	387368.99	3743852.23	387368.99,	4.35E-05	1.72E-04	6.8E-09	2.7E-08	1.7E-10	1.1E-08	1.0E-08
273	R_11	387368.99	3743902.23	387368.99,	4.44E-05	1.70E-04	7.0E-09	2.7E-08	1.7E-10	1.0E-08	1.0E-08
274	R_11	387368.99	3743952.23	387368.99,	4.53E-05	1.66E-04	7.1E-09	2.6E-08	1.8E-10	1.0E-08	9.8E-09
275	R_11	387368.99	3744002.23	387368.99,	4.63E-05	1.61E-04	7.3E-09	2.5E-08	1.8E-10	1.0E-08	9.5E-09
276	W_9(	387357.3	3743511.78	387357.3, 37	4.74E-05	1.92E-04	7.5E-09	3.0E-08	1.9E-10	1.2E-08	1.1E-08
277	W_9	387407.3	3743561.78	387407.3, 37	4.84E-05	2.47E-04	7.6E-09	3.9E-08	1.9E-10	1.5E-08	1.4E-08
278	W_9	387407.3	3743611.78	387407.3, 37	4.96E-05	2.19E-04	7.8E-09	3.4E-08	1.9E-10	1.4E-08	1.3E-08
279	W_9	387453.88	3743868.51	387453.88,	4.17E-05	2.30E-04	6.6E-09	3.6E-08	1.6E-10	1.4E-08	1.3E-08
280	W_9	387453.88	3743918.51	387453.88,	4.26E-05	2.22E-04	6.7E-09	3.5E-08	1.7E-10	1.4E-08	1.3E-08
281	W_9	387453.88	3743968.51	387453.88,	4.34E-05	2.15E-04	6.8E-09	3.4E-08	1.7E-10	1.3E-08	1.3E-08
282	W_9	387453.88	3744018.51	387453.88,	4.43E-05	2.03E-04	7.0E-09	3.2E-08	1.7E-10	1.3E-08	1.2E-08
283	W_9	387453.88	3744068.51	387453.88,	4.53E-05	1.88E-04	7.1E-09	3.0E-08	1.8E-10	1.2E-08	1.1E-08
284	W_9	387503.88	3743968.51	387503.88,	4.63E-05	2.56E-04	7.3E-09	4.0E-08	1.8E-10	1.6E-08	1.5E-08
285	W_9	387503.88	3744018.51	387503.88,	4.73E-05	2.40E-04	7.5E-09	3.8E-08	1.9E-10	1.5E-08	1.4E-08
286	W_1(	387503.88	3744068.51	387503.88,	4.85E-05	2.20E-04	7.6E-09	3.5E-08	1.9E-10	1.4E-08	1.3E-08
287	W_1(	387503.88	3744118.51	387503.88,	4.09E-05	1.98E-04	6.4E-09	3.1E-08	1.6E-10	1.2E-08	1.2E-08
288	W_1(	387553.88	3744068.51	387553.88,	4.17E-05	2.62E-04	6.6E-09	4.1E-08	1.6E-10	1.6E-08	1.5E-08
289	W_1(	387553.88	3744118.51	387553.88,	4.26E-05	2.34E-04	6.7E-09	3.7E-08	1.7E-10	1.4E-08	1.4E-08
290	R_12	387015.27	3744263.55	387015.27,	4.35E-05	5.94E-05	6.8E-09	9.4E-09	1.7E-10	3.7E-09	3.6E-09
291	R_12	387015.27	3744313.55	387015.27,	4.44E-05	5.57E-05	7.0E-09	8.8E-09	1.7E-10	3.4E-09	3.4E-09
292	R_12	387015.27	3744363.55	387015.27,	4.54E-05	5.20E-05	7.2E-09	8.2E-09	1.8E-10	3.2E-09	3.2E-09
293	R_12	387015.27	3744413.55	387015.27,	4.64E-05	4.81E-05	7.3E-09	7.6E-09	1.8E-10	3.0E-09	3.0E-09
294	R_12	387015.27	3744463.55	387015.27,	4.75E-05	4.45E-05	7.5E-09	7.0E-09	1.9E-10	2.8E-09	2.8E-09
295	R_12	387015.27	3744513.55	387015.27,	4.02E-05	4.12E-05	6.3E-09	6.5E-09	1.6E-10	2.5E-09	2.5E-09
296	R_12	387015.27	3744563.55	387015.27,	4.10E-05	3.84E-05	6.5E-09	6.0E-09	1.6E-10	2.4E-09	2.4E-09
297	R_12	387015.27	3744613.55	387015.27,	4.18E-05	3.60E-05	6.6E-09	5.7E-09	1.6E-10	2.2E-09	2.3E-09
298	R_12	387015.27	3744663.55	387015.27,	4.27E-05	3.40E-05	6.7E-09	5.4E-09	1.7E-10	2.1E-09	2.1E-09
299	R_12	387015.27	3744713.55	387015.27,	4.36E-05	3.22E-05	6.9E-09	5.1E-09	1.7E-10	2.0E-09	2.0E-09
300	R_13	387015.27	3744763.55	387015.27,	4.46E-05	3.08E-05	7.0E-09	4.9E-09	1.7E-10	1.9E-09	2.0E-09
301	R_13	387015.27	3744813.55	387015.27,	4.56E-05	2.96E-05	7.2E-09	4.7E-09	1.8E-10	1.8E-09	1.9E-09
302	R_13	387015.27	3744863.55	387015.27,	4.67E-05	2.84E-05	7.4E-09	4.5E-09	1.8E-10	1.8E-09	1.8E-09
303	R_13	387065.27	3744263.55	387065.27,	3.95E-05	6.36E-05	6.2E-09	1.0E-08	1.5E-10	3.9E-09	3.8E-09
304	R_13	387065.27	3744313.55	387065.27,	4.03E-05	5.92E-05	6.3E-09	9.3E-09	1.6E-10	3.7E-09	3.6E-09
305	R_13	387065.27	3744363.55	387065.27,	4.11E-05	5.48E-05	6.5E-09	8.6E-09	1.6E-10	3.4E-09	3.3E-09
306	R_13	387065.27	3744413.55	387065.27,	4.20E-05	5.06E-05	6.6E-09	8.0E-09	1.6E-10	3.1E-09	3.1E-09
307	R_13	387065.27	3744463.55	387065.27,	4.29E-05	4.66E-05	6.8E-09	7.3E-09	1.7E-10	2.9E-09	2.9E-09
308	R_13	387065.27	3744513.55	387065.27,	4.38E-05	4.32E-05	6.9E-09	6.8E-09	1.7E-10	2.7E-09	2.7E-09
309	R_13	387065.27	3744563.55	387065.27,	4.48E-05	4.02E-05	7.1E-09	6.3E-09	1.8E-10	2.5E-09	2.5E-09
310	R_14	387065.27	3744613.55	387065.27,	4.59E-05	3.78E-05	7.2E-09	6.0E-09	1.8E-10	2.3E-09	2.4E-09
311	R_14	387065.27	3744663.55	387065.27,	3.89E-05	3.58E-05	6.1E-09	5.6E-09	1.5E-10	2.2E-09	2.2E-09
312	R_14	387065.27	3744713.55	387065.27,	3.97E-05	3.40E-05	6.2E-09	5.4E-09	1.6E-10	2.1E-09	2.1E-09
313	R_14	387065.27	3744763.55	387065.27,	4.05E-05	3.24E-05	6.4E-09	5.1E-09	1.6E-10	2.0E-09	2.0E-09
314	R_14	387065.27	3744813.55	387065.27,	4.13E-05	3.11E-05	6.5E-09	4.9E-09	1.6E-10	1.9E-09	2.0E-09
315	R_14	387065.27	3744863.55	387065.27,	4.22E-05	2.97E-05	6.7E-09	4.7E-09	1.7E-10	1.8E-09	1.9E-09
316	R_14	387115.27	3744263.55	387115.27,	4.31E-05	6.80E-05	6.8E-09	1.1E-08	1.7E-10	4.2E-09	4.1E-09
317	R_14	387115.27	3744313.55	387115.27,	4.42E-05	6.30E-05	7.0E-09	9.9E-09	1.7E-10	3.9E-09	3.8E-09
318	R_14	387115.27	3744363.55	387115.27,	4.52E-05	5.80E-05	7.1E-09	9.1E-09	1.8E-10	3.6E-09	3.5E-09
319	R_14	387115.27	3744413.55	387115.27,	3.83E-05	5.34E-05	6.0E-09	8.4E-09	1.5E-10	3.3E-09	3.2E-09
320	R_15	387115.27	3744463.55	387115.27,	3.91E-05	4.91E-05	6.2E-09	7.7E-09	1.5E-10	3.0E-09	3.0E-09
321	R_15	387115.27	3744513.55	387115.27,	3.99E-05	4.55E-05	6.3E-09	7.2E-09	1.6E-10	2.8E-09	2.8E-09
322	R_15	387115.27	3744563.55	387115.27,	4.07E-05	4.24E-05	6.4E-09	6.7E-09	1.6E-10	2.6E-09	2.6E-09
323	R_15	387115.27	3744613.55	387115.27,	4.16E-05	3.99E-05	6.6E-09	6.3E-09	1.6E-10	2.5E-09	2.5E-09
324	R_15	387115.27	3744663.55	387115.27,	4.25E-05	3.78E-05	6.7E-09	6.0E-09	1.7E-10	2.3E-09	2.4E-09
325	R_15	387115.27	3744713.55	387115.27,	4.35E-05	3.60E-05	6.9E-09	5.7E-09	1.7E-10	2.2E-09	2.3E-09
326	R_15	387115.27	3744763.55	387115.27,	4.45E-05	3.42E-05	7.0E-09	5.4E-09	1.7E-10	2.1E-09	2.2E-09
327	R_15	387115.27	3744813.55	387115.27,	5.47E-05	3.27E-05	8.6E-09	5.1E-09	2.1E-10	2.0E-09	2.1E-09
328	R_15	387115.27	3744863.55	387115.27,	5.63E-05	3.11E-05	8.9E-09	4.9E-09	2.2E-10	1.9E-09	2.0E-09
329	R_15	387165.27	3744263.55	387165.27,	5.79E-05	7.31E-05	9.1E-09	1.2E-08	2.3E-10	4.5E-09	4.5E-09
330	R_16	387165.27	3744313.55	387165.27,	5.96E-05	6.73E-05	9.4E-09	1.1E-08	2.3E-10	4.2E-09	4.1E-09
331	R_16	387165.27	3744363.55	387165.27,	6.14E-05	6.16E-05	9.7E-09	9.7E-09	2.4E-10	3.8E-09	3.8E-09
332	R_16	387165.27	3744413.55	387165.27,	6.33E-05	5.65E-05	1.0E-08	8.9E-09	2.5E-10	3.5E-09	3.5E-09
333	R_16	387165.27	3744463.55	387165.27,	6.53E-05	5.19E-05	1.0E-08	8.2E-09	2.6E-10	3.2E-09	3.3E-09
334	R_16	387165.27	3744513.55	387165.27,	6.75E-05	4.81E-05	1.1E-08	7.6E-09	2.6E-10	3.0E-09	3.1E-09
335	R_16	387165.27	3744563.55	387165.27,	6.95E-05	4.50E-05	1.1E-08	7.1E-09	2.7E-10	2.8E-09	2.9E-09
336	R_16	387165.27	3744613.55	387165.27,	7.21E-05	4.23E-05	1.1E-08	6.7E-09	2.8E-10	2.6E-09	2.7E-09
337	R_16	387165.27	3744663.55	387165.27,	7.45E-05	4.01E-05	1.2E-08	6.3E-09	2.9E-10	2.5E-09	2.6E-09
338	R_16	387165.27	3744713.55	387165.27,	7.73E-05	3.80E-05	1.2E-08	6.0E-09	3.0E-10	2.4E-09	2.5E-09
339	R_16	387165.27	3744763.55	387165.27,	8.03E-05	3.61E-05	1.3E-08	5.7E-09	3.1E-10	2.2E-09	2.4E-09
340	R_17	387165.27	3744813.55	387165.27,	8.35E-05	3.44E-05	1.3E-08	5.4E-09	3.3E-10	2.1E-09	2.3E-09
341	R_17	387165.27	3744863.55	387165.27,	8.70E-05	3.28E-05	1.4E-08	5.2E-09	3.4E-10	2.0E-09	2.2E-09
342	R_17	387215.27	3744263.55	387215.27,	9.08E-05	7.89E-05	1.4E-08	1.2E-08	3.6E-10	4.9E-09	4.9E-09
343	R_17	387215.27	3744313.55	387215.27,	9.50E-05	7.20E-05	1.5E-08	1.1E-08	3.7E-10	4.5E-09	4.5E-09
344	R_17	387215.27	3744363.55	387215.27,	9.97E-05	6.57E-05	1.6E-08	1.0E-08	3.9E-10	4.1E-09	4.2E-09
345	R_17	387215.27	3744413.55	387215.27,	1.51E-04	6.01E-05	2.4E-08	9.5E-09	5.9E-10	3.7E-09	4.1E-09
346	R_17	387215.27	3744463.55	387215.27,	1.58E-04	5.53E-05	2.5E-08	8.7E-09	6.2E-10	3.4E-09	3.8E-09
347	R_17	387215.27	3744513.55	387215.27,	1.67E-04	5.13E-05	2.6E-08	8.1E-09	6.5E-10	3.2E-09	3.6E-09
348	R_17	387215.27	3744563.55	387215.27,	1.76E-04	4.81E-05	2.8E-08	7.6E-09	6.9E-10	3.0E-09	3.5E-09
349	R_17	387215.27	3744613.55	387215.27,	1.87E-04	4.52E-05	2.9E-08	7.1E-09	7.3E-10	2.8E-09	3.4E-09
350	R_18	387215.27	3744663.55	387215.27,	1.98E-04	4.26E-05	3.1E-08	6.7E-09	7.7E-10	2.6E-09	3.2E-09

351	R_18	387215.27	3744713.55	387215.27,	2.08E-04	4.04E-05	3.3E-08	6.4E-09	8.2E-10	2.5E-09	3.2E-09
352	R_18	387215.27	3744763.55	387215.27,	2.18E-04	3.83E-05	3.4E-08	6.0E-09	8.5E-10	2.4E-09	3.1E-09
353	R_18	387215.27	3744813.55	387215.27,	2.27E-04	3.63E-05	3.6E-08	5.7E-09	8.9E-10	2.2E-09	3.0E-09
354	R_18	387215.27	3744863.55	387215.27,	2.36E-04	3.44E-05	3.7E-08	5.4E-09	9.2E-10	2.1E-09	2.9E-09
355	R_18	387265.27	3744263.55	387265.27,	2.43E-04	8.54E-05	3.8E-08	1.3E-08	9.5E-10	5.3E-09	5.9E-09
356	R_18	387265.27	3744313.55	387265.27,	2.51E-04	7.76E-05	4.0E-08	1.2E-08	9.8E-10	4.8E-09	5.5E-09
357	R_18	387265.27	3744363.55	387265.27,	2.61E-04	7.05E-05	4.1E-08	1.1E-08	1.0E-09	4.4E-09	5.1E-09
358	R_18	387265.27	3744413.55	387265.27,	2.67E-04	6.44E-05	4.2E-08	1.0E-08	1.0E-09	4.0E-09	4.8E-09
359	R_18	387265.27	3744463.55	387265.27,	5.37E-05	5.94E-05	8.5E-09	9.4E-09	2.1E-10	3.7E-09	3.7E-09
360	R_19	387265.27	3744513.55	387265.27,	5.52E-05	5.51E-05	8.7E-09	8.7E-09	2.2E-10	3.4E-09	3.4E-09
361	R_19	387265.27	3744563.55	387265.27,	5.68E-05	5.15E-05	9.0E-09	8.1E-09	2.2E-10	3.2E-09	3.2E-09
362	R_19	387265.27	3744613.55	387265.27,	5.85E-05	4.84E-05	9.2E-09	7.6E-09	2.3E-10	3.0E-09	3.0E-09
363	R_19	387265.27	3744663.55	387265.27,	6.01E-05	4.55E-05	9.5E-09	7.2E-09	2.4E-10	2.8E-09	2.9E-09
364	R_19	387265.27	3744713.55	387265.27,	6.19E-05	4.29E-05	9.8E-09	6.8E-09	2.4E-10	2.7E-09	2.7E-09
365	R_19	387265.27	3744763.55	387265.27,	6.38E-05	4.06E-05	1.0E-08	6.4E-09	2.5E-10	2.5E-09	2.6E-09
366	R_19	387265.27	3744813.55	387265.27,	6.57E-05	3.83E-05	1.0E-08	6.0E-09	2.6E-10	2.4E-09	2.5E-09
367	R_19	387265.27	3744863.55	387265.27,	6.77E-05	3.61E-05	1.1E-08	5.7E-09	2.7E-10	2.2E-09	2.4E-09
368	R_19	387315.27	3744263.55	387315.27,	6.98E-05	9.31E-05	1.1E-08	1.5E-08	2.7E-10	5.8E-09	5.7E-09
369	R_19	387315.27	3744313.55	387315.27,	7.24E-05	8.41E-05	1.1E-08	1.3E-08	2.8E-10	5.2E-09	5.2E-09
370	R_20	387315.27	3744363.55	387315.27,	7.49E-05	7.62E-05	1.2E-08	1.2E-08	2.9E-10	4.7E-09	4.7E-09
371	R_20	387315.27	3744413.55	387315.27,	7.77E-05	6.97E-05	1.2E-08	1.1E-08	3.0E-10	4.3E-09	4.3E-09
372	R_20	387315.27	3744463.55	387315.27,	8.07E-05	6.42E-05	1.3E-08	1.0E-08	3.2E-10	4.0E-09	4.0E-09
373	R_20	387315.27	3744513.55	387315.27,	8.40E-05	5.96E-05	1.3E-08	9.4E-09	3.3E-10	3.7E-09	3.8E-09
374	R_20	387315.27	3744563.55	387315.27,	8.75E-05	5.56E-05	1.4E-08	8.8E-09	3.4E-10	3.4E-09	3.6E-09
375	R_20	387315.27	3744613.55	387315.27,	9.14E-05	5.20E-05	1.4E-08	8.2E-09	3.6E-10	3.2E-09	3.4E-09
376	R_20	387315.27	3744663.55	387315.27,	9.52E-05	4.87E-05	1.5E-08	7.7E-09	3.7E-10	3.0E-09	3.2E-09
377	R_20	387315.27	3744713.55	387315.27,	1.40E-04	4.57E-05	2.2E-08	7.2E-09	5.5E-10	2.8E-09	3.2E-09
378	R_20	387315.27	3744763.55	387315.27,	1.46E-04	4.30E-05	2.3E-08	6.8E-09	5.7E-10	2.7E-09	3.1E-09
379	R_20	387315.27	3744813.55	387315.27,	1.54E-04	4.04E-05	2.4E-08	6.4E-09	6.0E-10	2.5E-09	2.9E-09
380	R_21	387315.27	3744863.55	387315.27,	1.62E-04	3.81E-05	2.5E-08	6.0E-09	6.3E-10	2.4E-09	2.8E-09
381	R_21	387365.27	3744263.55	387365.27,	1.71E-04	1.02E-04	2.7E-08	1.6E-08	6.7E-10	6.3E-09	6.6E-09
382	R_21	387365.27	3744313.55	387365.27,	1.80E-04	9.20E-05	2.8E-08	1.4E-08	7.0E-10	5.7E-09	6.0E-09
383	R_21	387365.27	3744363.55	387365.27,	1.89E-04	8.33E-05	3.0E-08	1.3E-08	7.4E-10	5.2E-09	5.6E-09
384	R_21	387365.27	3744413.55	387365.27,	1.96E-04	7.61E-05	3.1E-08	1.2E-08	7.7E-10	4.7E-09	5.2E-09
385	R_21	387365.27	3744463.55	387365.27,	2.05E-04	7.01E-05	3.2E-08	1.1E-08	8.0E-10	4.3E-09	4.9E-09
386	R_21	387365.27	3744513.55	387365.27,	2.12E-04	6.49E-05	3.3E-08	1.0E-08	8.3E-10	4.0E-09	4.6E-09
387	R_21	387365.27	3744563.55	387365.27,	2.18E-04	6.03E-05	3.4E-08	9.5E-09	8.6E-10	3.7E-09	4.3E-09
388	R_21	387365.27	3744613.55	387365.27,	2.25E-04	5.62E-05	3.5E-08	8.9E-09	8.8E-10	3.5E-09	4.1E-09
389	R_21	387365.27	3744663.55	387365.27,	2.31E-04	5.23E-05	3.6E-08	8.2E-09	9.1E-10	3.2E-09	3.9E-09
390	R_22	387365.27	3744713.55	387365.27,	2.36E-04	4.88E-05	3.7E-08	7.7E-09	9.3E-10	3.0E-09	3.8E-09
391	R_22	387365.27	3744763.55	387365.27,	5.26E-05	4.57E-05	8.3E-09	7.2E-09	2.1E-10	2.8E-09	2.9E-09
392	R_22	387365.27	3744813.55	387365.27,	5.38E-05	4.28E-05	8.5E-09	6.7E-09	2.1E-10	2.6E-09	2.7E-09
393	R_22	387365.27	3744863.55	387365.27,	5.53E-05	4.01E-05	8.7E-09	6.3E-09	2.2E-10	2.5E-09	2.5E-09
394	R_22	387415.27	3744313.55	387415.27,	5.68E-05	1.02E-04	8.9E-09	1.6E-08	2.2E-10	6.3E-09	6.1E-09
395	R_22	387415.27	3744363.55	387415.27,	5.85E-05	9.23E-05	9.2E-09	1.5E-08	2.3E-10	5.7E-09	5.6E-09
396	R_22	387415.27	3744413.55	387415.27,	6.01E-05	8.42E-05	9.5E-09	1.3E-08	2.4E-10	5.2E-09	5.1E-09
397	R_22	387415.27	3744463.55	387415.27,	6.19E-05	7.73E-05	9.7E-09	1.2E-08	2.4E-10	4.8E-09	4.7E-09
398	R_22	387415.27	3744513.55	387415.27,	6.34E-05	7.12E-05	1.0E-08	1.1E-08	2.5E-10	4.4E-09	4.4E-09
399	R_22	387415.27	3744563.55	387415.27,	6.52E-05	6.58E-05	1.0E-08	1.0E-08	2.6E-10	4.1E-09	4.1E-09
400	R_23	387415.27	3744613.55	387415.27,	6.75E-05	6.08E-05	1.1E-08	9.6E-09	2.6E-10	3.8E-09	3.8E-09
401	R_23	387415.27	3744663.55	387415.27,	6.97E-05	5.62E-05	1.1E-08	8.9E-09	2.7E-10	3.5E-09	3.5E-09
402	R_23	387415.27	3744713.55	387415.27,	7.15E-05	5.21E-05	1.1E-08	8.2E-09	2.8E-10	3.2E-09	3.3E-09
403	R_23	387415.27	3744763.55	387415.27,	7.40E-05	4.86E-05	1.2E-08	7.7E-09	2.9E-10	3.0E-09	3.1E-09
404	R_23	387415.27	3744813.55	387415.27,	7.67E-05	4.52E-05	1.2E-08	7.1E-09	3.0E-10	2.8E-09	2.9E-09
405	R_23	387415.27	3744863.55	387415.27,	7.98E-05	4.23E-05	1.3E-08	6.7E-09	3.1E-10	2.6E-09	2.8E-09
406	R_23	387465.27	3744513.55	387465.27,	8.31E-05	7.87E-05	1.3E-08	1.2E-08	3.3E-10	4.9E-09	4.9E-09
407	R_23	387465.27	3744563.55	387465.27,	8.68E-05	7.21E-05	1.4E-08	1.1E-08	3.4E-10	4.5E-09	4.5E-09
408	R_23	387465.27	3744613.55	387465.27,	9.11E-05	6.60E-05	1.4E-08	1.0E-08	3.6E-10	4.1E-09	4.2E-09
409	R_23	387465.27	3744663.55	387465.27,	1.29E-04	6.06E-05	2.0E-08	9.6E-09	5.0E-10	3.8E-09	4.0E-09
410	R_24	387465.27	3744713.55	387465.27,	1.34E-04	5.59E-05	2.1E-08	8.8E-09	5.2E-10	3.5E-09	3.8E-09
411	R_24	387465.27	3744763.55	387465.27,	1.40E-04	5.17E-05	2.2E-08	8.1E-09	5.5E-10	3.2E-09	3.5E-09
412	R_24	387465.27	3744813.55	387465.27,	1.47E-04	4.78E-05	2.3E-08	7.5E-09	5.8E-10	3.0E-09	3.3E-09
413	R_24	387465.27	3744863.55	387465.27,	1.54E-04	4.45E-05	2.4E-08	7.0E-09	6.1E-10	2.8E-09	3.2E-09
414	R_24	387515.27	3744663.55	387515.27,	1.62E-04	6.55E-05	2.6E-08	1.0E-08	6.3E-10	4.1E-09	4.4E-09
415	R_24	387515.27	3744713.55	387515.27,	1.70E-04	5.98E-05	2.7E-08	9.4E-09	6.6E-10	3.7E-09	4.1E-09
416	R_24	387515.27	3744763.55	387515.27,	1.77E-04	5.49E-05	2.8E-08	8.7E-09	6.9E-10	3.4E-09	3.9E-09
417	R_24	387515.27	3744813.55	387515.27,	1.84E-04	5.06E-05	2.9E-08	8.0E-09	7.2E-10	3.1E-09	3.7E-09
418	R_24	387515.27	3744863.55	387515.27,	1.89E-04	4.69E-05	3.0E-08	7.4E-09	7.4E-10	2.9E-09	3.5E-09
419	R_24	387565.27	3744813.55	387565.27,	1.94E-04	5.35E-05	3.1E-08	8.4E-09	7.6E-10	3.3E-09	3.9E-09
420	R_25	387565.27	3744863.55	387565.27,	2.00E-04	4.93E-05	3.1E-08	7.8E-09	7.8E-10	3.1E-09	3.6E-09
421	R_25	387524.44	3742913.36	387524.44,	2.06E-04	4.86E-05	3.3E-08	7.7E-09	8.1E-10	3.0E-09	3.6E-09
422	R_25	387574.44	3742963.36	387574.44,	2.11E-04	5.92E-05	3.3E-08	9.3E-09	8.3E-10	3.7E-09	4.3E-09
423	R_25	387574.44	3743013.36	387574.44,	5.15E-05	6.96E-05	8.1E-09	1.1E-08	2.0E-10	4.3E-09	4.2E-09
424	R_25	387624.44	3742963.36	387624.44,	5.29E-05	6.31E-05	8.3E-09	9.9E-09	2.1E-10	3.9E-09	3.9E-09
425	R_25	387624.44	3743013.36	387624.44,	5.42E-05	7.44E-05	8.5E-09	1.2E-08	2.1E-10	4.6E-09	4.5E-09
426	R_25	387624.44	3743063.36	387624.44,	5.56E-05	9.01E-05	8.8E-09	1.4E-08	2.2E-10	5.6E-09	5.4E-09
427	R_25	387674.44	3742963.36	387674.44,	5.71E-05	6.65E-05	9.0E-09	1.0E-08	2.2E-10	4.1E-09	4.1E-09
428	R_25	387674.44	3743013.36	387674.44,	5.85E-05	7.85E-05	9.2E-09	1.2E-08	2.3E-10	4.9E-09	4.8E-09
429	R_25	387674.44	3743063.36	387674.44,	6.02E-05	9.45E-05	9.5E-09	1.5E-08	2.4E-10	5.9E-09	5.7E-09
430	R_26	387674.44	3743113.36	387674.44,	6.18E-05	1.16E-04	9.7E-09	1.8E-08	2.4E-10	7.1E-09	6.9E-09
431	R_26	387724.44	3742963.36	387724.44,	6.35E-05	6.98E-05	1.0E-08	1.1E-08	2.5E-10	4.3E-09	4.3E-09
432	R_26	387724.44	3743013.36	387724.44,	6.53E-05	8.20E-05	1.0E-08	1.3E-08	2.6E-10	5.1E-09	5.0E-09
433	R_26	387724.44	3743063.36	387724.44,	6.73E-05	9.75E-05	1.1E-08	1.5E-08	2.6E-10	6.0E-09	5.9E-09
434	R_26	387724.44	3743113.36	387724.44,	6.93E-05	1.16E-04	1.1E-08	1.8E-08	2.7E-10	7.2E-09	7.0E-09
435	R_26	387774.44	3742963.36	387774.44,	7.17E-05	7.28E-05	1.1E-08	1.1E-08	2.8E-10	4.5E-09	4.5E-09
436	R_26	387774.44	3743013.36	387774.44,	7.42E-05	8.47E-05	1.2E-08	1.3E-08	2.9E-10	5.2E-09	5.2E-09
437	R_26	387774.44	3743063.36	387774.44,	7.71E-05	9.89E-05	1.2E-08	1.6E-08	3.0E-10	6.1E-09	6.0E-09
438	R_26	387774.44	3743113.36	387774.44,	8.03E-05	1.15E-04	1.3E-08	1.8E-08	3.1E-10	7.1E-09	7.0E-09
439	R_26	387774.44	3743163.36	387774.44,	8.37E-05	1.31E-04	1.3E-08	2.1E-08	3.3E-10	8.1E-09	7.9E-09
440	R_27	387824.44	3742963.36	387824.44,	8.70E-05	7.53E-05	1.4E-08	1.2E-08	3.4E-10	4.7E-09	4.7E-09

441	R_27	387824.44	3743013.36	387824.44,	1.20E-04	8.68E-05	1.9E-08	1.4E-08	4.7E-10	5.4E-09	5.5E-09
442	R_27	387824.44	3743063.36	387824.44,	1.25E-04	9.95E-05	2.0E-08	1.6E-08	4.9E-10	6.2E-09	6.3E-09
443	R_27	387824.44	3743113.36	387824.44,	1.30E-04	1.13E-04	2.0E-08	1.8E-08	5.1E-10	7.0E-09	7.0E-09
444	R_27	387824.44	3743163.36	387824.44,	1.36E-04	1.26E-04	2.1E-08	2.0E-08	5.3E-10	7.8E-09	7.8E-09
445	R_27	387824.44	3743213.36	387824.44,	1.43E-04	1.37E-04	2.2E-08	2.2E-08	5.6E-10	8.5E-09	8.5E-09
446	R_27	387874.44	3742963.36	387874.44,	1.49E-04	7.78E-05	2.3E-08	1.2E-08	5.8E-10	4.8E-09	5.1E-09
447	R_27	387874.44	3743013.36	387874.44,	1.56E-04	8.82E-05	2.5E-08	1.4E-08	6.1E-10	5.5E-09	5.7E-09
448	R_27	387874.44	3743063.36	387874.44,	1.61E-04	9.96E-05	2.5E-08	1.6E-08	6.3E-10	6.2E-09	6.4E-09
449	R_27	387874.44	3743113.36	387874.44,	1.67E-04	1.11E-04	2.6E-08	1.7E-08	6.6E-10	6.9E-09	7.1E-09
450	R_28	387874.44	3743163.36	387874.44,	1.73E-04	1.22E-04	2.7E-08	1.9E-08	6.8E-10	7.5E-09	7.7E-09
451	R_28	387874.44	3743213.36	387874.44,	1.77E-04	1.33E-04	2.8E-08	2.1E-08	6.9E-10	8.2E-09	8.4E-09
452	R_28	387874.44	3743263.36	387874.44,	1.82E-04	1.45E-04	2.9E-08	2.3E-08	7.1E-10	9.0E-09	9.1E-09
453	R_28	387924.44	3742963.36	387924.44,	1.87E-04	8.00E-05	2.9E-08	1.3E-08	7.3E-10	5.0E-09	5.4E-09
454	R_28	387924.44	3743013.36	387924.44,	1.90E-04	8.97E-05	3.0E-08	1.4E-08	7.5E-10	5.6E-09	5.9E-09
455	R_28	387924.44	3743063.36	387924.44,	5.04E-05	9.96E-05	7.9E-09	1.6E-08	2.0E-10	6.2E-09	6.0E-09
456	R_28	387924.44	3743113.36	387924.44,	5.16E-05	1.10E-04	8.1E-09	1.7E-08	2.0E-10	6.8E-09	6.6E-09
457	R_28	387924.44	3743163.36	387924.44,	5.29E-05	1.20E-04	8.3E-09	1.9E-08	2.1E-10	7.4E-09	7.2E-09
458	R_28	387924.44	3743213.36	387924.44,	5.42E-05	1.31E-04	8.5E-09	2.1E-08	2.1E-10	8.1E-09	7.8E-09
459	R_28	387924.44	3743263.36	387924.44,	5.56E-05	1.45E-04	8.8E-09	2.3E-08	2.2E-10	9.0E-09	8.6E-09
460	R_29	387924.44	3743313.36	387924.44,	5.69E-05	1.62E-04	9.0E-09	2.5E-08	2.2E-10	1.0E-08	9.6E-09
461	R_29	387974.44	3742963.36	387974.44,	5.84E-05	8.21E-05	9.2E-09	1.3E-08	2.3E-10	5.1E-09	5.0E-09
462	R_29	387974.44	3743013.36	387974.44,	5.97E-05	9.11E-05	9.4E-09	1.4E-08	2.3E-10	5.6E-09	5.5E-09
463	R_29	387974.44	3743063.36	387974.44,	6.13E-05	1.00E-04	9.7E-09	1.6E-08	2.4E-10	6.2E-09	6.1E-09
464	R_29	387974.44	3743113.36	387974.44,	6.31E-05	1.10E-04	9.9E-09	1.7E-08	2.5E-10	6.8E-09	6.6E-09
465	R_29	387974.44	3743163.36	387974.44,	6.50E-05	1.20E-04	1.0E-08	1.9E-08	2.5E-10	7.4E-09	7.2E-09
466	R_29	387974.44	3743213.36	387974.44,	6.68E-05	1.32E-04	1.1E-08	2.1E-08	2.6E-10	8.2E-09	7.9E-09
467	R_29	387974.44	3743263.36	387974.44,	6.90E-05	1.47E-04	1.1E-08	2.3E-08	2.7E-10	9.1E-09	8.8E-09
468	R_29	387974.44	3743313.36	387974.44,	7.15E-05	1.65E-04	1.1E-08	2.6E-08	2.8E-10	1.0E-08	9.9E-09
469	R_29	387974.44	3743363.36	387974.44,	7.42E-05	1.88E-04	1.2E-08	3.0E-08	2.9E-10	1.2E-08	1.1E-08
470	R_30	388024.44	3742963.36	388024.44,	7.71E-05	8.41E-05	1.2E-08	1.3E-08	3.0E-10	5.2E-09	5.2E-09
471	R_30	388024.44	3743013.36	388024.44,	8.02E-05	9.27E-05	1.3E-08	1.5E-08	3.1E-10	5.7E-09	5.7E-09
472	R_30	388024.44	3743063.36	388024.44,	8.35E-05	1.01E-04	1.3E-08	1.6E-08	3.3E-10	6.3E-09	6.2E-09
473	R_30	388024.44	3743113.36	388024.44,	1.12E-04	1.11E-04	1.8E-08	1.8E-08	4.4E-10	6.9E-09	6.9E-09
474	R_30	388024.44	3743163.36	388024.44,	1.16E-04	1.22E-04	1.8E-08	1.9E-08	4.5E-10	7.5E-09	7.5E-09
475	R_30	388024.44	3743213.36	388024.44,	1.20E-04	1.35E-04	1.9E-08	2.1E-08	4.7E-10	8.3E-09	8.3E-09
476	R_30	388024.44	3743263.36	388024.44,	1.26E-04	1.51E-04	2.0E-08	2.4E-08	5.0E-10	9.3E-09	9.2E-09
477	R_30	388024.44	3743313.36	388024.44,	1.32E-04	1.70E-04	2.1E-08	2.7E-08	5.2E-10	1.1E-08	1.0E-08
478	R_30	388024.44	3743363.36	388024.44,	1.38E-04	1.93E-04	2.2E-08	3.0E-08	5.4E-10	1.2E-08	1.2E-08
479	R_30	388024.44	3743413.36	388024.44,	1.44E-04	2.23E-04	2.3E-08	3.5E-08	5.6E-10	1.4E-08	1.3E-08
480	R_31	388074.44	3742963.36	388074.44,	1.49E-04	8.59E-05	2.3E-08	1.4E-08	5.8E-10	5.3E-09	5.6E-09
481	R_31	388074.44	3743013.36	388074.44,	1.53E-04	9.41E-05	2.4E-08	1.5E-08	6.0E-10	5.8E-09	6.1E-09
482	R_31	388074.44	3743063.36	388074.44,	1.58E-04	1.03E-04	2.5E-08	1.6E-08	6.2E-10	6.4E-09	6.6E-09
483	R_31	388074.44	3743113.36	388074.44,	1.62E-04	1.13E-04	2.5E-08	1.8E-08	6.3E-10	7.0E-09	7.2E-09
484	R_31	388074.44	3743163.36	388074.44,	1.66E-04	1.24E-04	2.6E-08	2.0E-08	6.5E-10	7.7E-09	7.8E-09
485	R_31	388074.44	3743213.36	388074.44,	1.70E-04	1.37E-04	2.7E-08	2.2E-08	6.7E-10	8.5E-09	8.6E-09
486	R_31	388074.44	3743263.36	388074.44,	1.73E-04	1.53E-04	2.7E-08	2.4E-08	6.8E-10	9.5E-09	9.6E-09
487	R_31	388074.44	3743313.36	388074.44,	4.94E-05	1.73E-04	7.8E-09	2.7E-08	1.9E-10	1.1E-08	1.0E-08
488	R_31	388074.44	3743363.36	388074.44,	5.06E-05	1.97E-04	8.0E-09	3.1E-08	2.0E-10	1.2E-08	1.2E-08
489	R_31	388074.44	3743413.36	388074.44,	5.17E-05	2.27E-04	8.1E-09	3.6E-08	2.0E-10	1.4E-08	1.3E-08
490	R_32	388074.44	3743463.36	388074.44,	5.29E-05	2.67E-04	8.3E-09	4.2E-08	2.1E-10	1.7E-08	1.6E-08
491	R_32	388124.44	3742963.36	388124.44,	5.42E-05	8.73E-05	8.5E-09	1.4E-08	2.1E-10	5.4E-09	5.3E-09
492	R_32	388124.44	3743013.36	388124.44,	5.53E-05	9.53E-05	8.7E-09	1.5E-08	2.2E-10	5.9E-09	5.7E-09
493	R_32	388124.44	3743063.36	388124.44,	5.67E-05	1.04E-04	8.9E-09	1.6E-08	2.2E-10	6.4E-09	6.2E-09
494	R_32	388124.44	3743113.36	388124.44,	5.80E-05	1.14E-04	9.1E-09	1.8E-08	2.3E-10	7.0E-09	6.8E-09
495	R_32	388124.44	3743163.36	388124.44,	5.94E-05	1.25E-04	9.4E-09	2.0E-08	2.3E-10	7.8E-09	7.5E-09
496	R_32	388124.44	3743213.36	388124.44,	6.11E-05	1.39E-04	9.6E-09	2.2E-08	2.4E-10	8.6E-09	8.3E-09
497	R_32	388124.44	3743263.36	388124.44,	6.28E-05	1.55E-04	9.9E-09	2.4E-08	2.5E-10	9.6E-09	9.2E-09
498	R_32	388124.44	3743313.36	388124.44,	6.47E-05	1.75E-04	1.0E-08	2.8E-08	2.5E-10	1.1E-08	1.0E-08
499	R_32	388124.44	3743363.36	388124.44,	6.68E-05	1.99E-04	1.1E-08	3.1E-08	2.6E-10	1.2E-08	1.2E-08
500	R_33	388124.44	3743413.36	388124.44,	6.91E-05	2.29E-04	1.1E-08	3.6E-08	2.7E-10	1.4E-08	1.4E-08
501	R_33	388174.44	3742963.36	388174.44,	7.17E-05	8.84E-05	1.1E-08	1.4E-08	2.8E-10	5.5E-09	5.4E-09
502	R_33	388174.44	3743013.36	388174.44,	7.45E-05	9.62E-05	1.2E-08	1.5E-08	2.9E-10	6.0E-09	5.9E-09
503	R_33	388174.44	3743063.36	388174.44,	7.73E-05	1.05E-04	1.2E-08	1.7E-08	3.0E-10	6.5E-09	6.4E-09
504	R_33	388174.44	3743113.36	388174.44,	8.00E-05	1.15E-04	1.3E-08	1.8E-08	3.1E-10	7.1E-09	7.0E-09
505	R_33	388174.44	3743163.36	388174.44,	8.59E-05	1.26E-04	1.4E-08	2.0E-08	3.4E-10	7.8E-09	7.6E-09
506	R_33	388174.44	3743213.36	388174.44,	8.86E-05	1.39E-04	1.4E-08	2.2E-08	3.5E-10	8.6E-09	8.4E-09
507	R_33	388174.44	3743263.36	388174.44,	9.10E-05	1.55E-04	1.4E-08	2.4E-08	3.6E-10	9.6E-09	9.4E-09
508	R_33	388174.44	3743313.36	388174.44,	9.36E-05	1.75E-04	1.5E-08	2.8E-08	3.7E-10	1.1E-08	1.0E-08
509	R_33	388174.44	3743363.36	388174.44,	9.63E-05	1.99E-04	1.5E-08	3.1E-08	3.8E-10	1.2E-08	1.2E-08
510	R_34	388174.44	3743413.36	388174.44,	9.88E-05	2.30E-04	1.6E-08	3.6E-08	3.9E-10	1.4E-08	1.4E-08
511	R_34	388224.44	3742963.36	388224.44,	1.02E-04	8.89E-05	1.6E-08	1.4E-08	4.0E-10	5.5E-09	5.6E-09
512	R_34	388224.44	3743013.36	388224.44,	1.05E-04	9.65E-05	1.7E-08	1.5E-08	4.1E-10	6.0E-09	6.0E-09
513	R_34	388224.44	3743063.36	388224.44,	1.08E-04	1.05E-04	1.7E-08	1.6E-08	4.2E-10	6.5E-09	6.5E-09
514	R_34	388224.44	3743113.36	388224.44,	1.13E-04	1.15E-04	1.8E-08	1.8E-08	4.4E-10	7.1E-09	7.1E-09
515	R_34	388224.44	3743163.36	388224.44,	1.18E-04	1.26E-04	1.9E-08	2.0E-08	4.6E-10	7.8E-09	7.7E-09
516	R_34	388224.44	3743213.36	388224.44,	1.23E-04	1.39E-04	1.9E-08	2.2E-08	4.8E-10	8.6E-09	8.5E-09
517	R_34	388224.44	3743263.36	388224.44,	1.27E-04	1.55E-04	2.0E-08	2.4E-08	5.0E-10	9.6E-09	9.5E-09
518	R_34	388224.44	3743313.36	388224.44,	1.32E-04	1.74E-04	2.1E-08	2.7E-08	5.2E-10	1.1E-08	1.1E-08
519	R_34	388224.44	3743363.36	388224.44,	1.37E-04	1.98E-04	2.2E-08	3.1E-08	5.4E-10	1.2E-08	1.2E-08
520	R_35	388274.44	3742963.36	388274.44,	1.41E-04	8.90E-05	2.2E-08	1.4E-08	5.5E-10	5.5E-09	5.7E-09
521	R_35	388274.44	3743013.36	388274.44,	1.45E-04	9.64E-05	2.3E-08	1.5E-08	5.7E-10	6.0E-09	6.2E-09
522	W_1(	387475.71	3743311.02	387475.71,	1.49E-04	5.79E-04	2.3E-08	9.1E-08	5.8E-10	3.6E-08	3.4E-08
523	W_1(	387490.71	3743311.02	387490.71,	1.52E-04	5.74E-04	2.4E-08	9.0E-08	6.0E-10	3.6E-08	3.4E-08
524	R_35	387451.13	3743316.16	387451.13,	1.56E-04	6.52E-04	2.4E-08	1.0E-07	6.1E-10	4.0E-08	3.8E-08
525	W_1(	387379.86	3743317.08	387379.86,	1.58E-04	6.22E-04	2.5E-08	9.8E-08	6.2E-10	3.9E-08	3.7E-08
526	W_1(	387399.86	3743317.08	387399.86,	4.83E-05	6.43E-04	7.6E-09	1.0E-07	1.9E-10	4.0E-08	3.7E-08
527	W_1(	387419.86	3743317.08	387419.86,	4.93E-05	6.56E-04	7.8E-09	1.0E-07	1.9E-10	4.1E-08	3.8E-08
528	W_1(	387439.86	3743317.08	387439.86,	5.05E-05	6.65E-04	8.0E-09	1.0E-07	2.0E-10	4.1E-08	3.9E-08
529	R_35	387019.21	3742972.33	387019.21,	5.16E-05	2.99E-05	8.1E-09	4.7E-09	2.0E-10	1.9E-09	1.9E-09
530	R_35	387019.21	3743022.33	387019.21,	5.27E-05	3.22E-05	8.3E-09	5.1E-09	2.1E-10	2.0E-09	2.1E-09

531	R_35	387019.21	3743072.33	387019.21,	5.39E-05	3.48E-05	8.5E-09	5.5E-09	2.1E-10	2.2E-09	2.2E-09
532	R_35	387019.21	3743122.33	387019.21,	5.50E-05	3.81E-05	8.7E-09	6.0E-09	2.2E-10	2.4E-09	2.4E-09
533	R_35	387019.21	3743172.33	387019.21,	5.63E-05	4.18E-05	8.9E-09	6.6E-09	2.2E-10	2.6E-09	2.6E-09
534	R_35	387019.21	3743222.33	387019.21,	5.76E-05	4.59E-05	9.1E-09	7.2E-09	2.3E-10	2.8E-09	2.9E-09
535	R_35	387019.21	3743272.33	387019.21,	5.91E-05	5.05E-05	9.3E-09	8.0E-09	2.3E-10	3.1E-09	3.2E-09
536	R_36	387019.21	3743322.33	387019.21,	6.07E-05	5.55E-05	9.6E-09	8.7E-09	2.4E-10	3.4E-09	3.5E-09
537	R_36	387069.21	3742972.33	387069.21,	6.27E-05	3.17E-05	9.9E-09	5.0E-09	2.5E-10	2.0E-09	2.1E-09
538	R_36	387069.21	3743022.33	387069.21,	6.47E-05	3.41E-05	1.0E-08	5.4E-09	2.5E-10	2.1E-09	2.2E-09
539	R_36	387069.21	3743072.33	387069.21,	6.70E-05	3.71E-05	1.1E-08	5.8E-09	2.6E-10	2.3E-09	2.4E-09
540	R_36	387069.21	3743122.33	387069.21,	6.94E-05	4.08E-05	1.1E-08	6.4E-09	2.7E-10	2.5E-09	2.6E-09
541	R_36	387069.21	3743172.33	387069.21,	7.19E-05	4.52E-05	1.1E-08	7.1E-09	2.8E-10	2.8E-09	2.9E-09
542	R_36	387069.21	3743222.33	387069.21,	7.46E-05	5.05E-05	1.2E-08	7.9E-09	2.9E-10	3.1E-09	3.2E-09
543	R_36	387069.21	3743272.33	387069.21,	7.73E-05	5.62E-05	1.2E-08	8.9E-09	3.0E-10	3.5E-09	3.6E-09
544	R_36	387069.21	3743322.33	387069.21,	7.98E-05	6.26E-05	1.3E-08	9.9E-09	3.1E-10	3.9E-09	3.9E-09
545	R_36	387119.21	3742972.33	387119.21,	8.19E-05	3.34E-05	1.3E-08	5.3E-09	3.2E-10	2.1E-09	2.3E-09
546	R_37	387119.21	3743022.33	387119.21,	8.45E-05	3.63E-05	1.3E-08	5.7E-09	3.3E-10	2.2E-09	2.4E-09
547	R_37	387119.21	3743072.33	387119.21,	8.68E-05	3.97E-05	1.4E-08	6.3E-09	3.4E-10	2.5E-09	2.6E-09
548	R_37	387119.21	3743122.33	387119.21,	8.91E-05	4.39E-05	1.4E-08	6.9E-09	3.5E-10	2.7E-09	2.9E-09
549	R_37	387119.21	3743172.33	387119.21,	9.14E-05	4.92E-05	1.4E-08	7.7E-09	3.6E-10	3.0E-09	3.2E-09
550	R_37	387119.21	3743222.33	387119.21,	9.35E-05	5.59E-05	1.5E-08	8.8E-09	3.7E-10	3.5E-09	3.6E-09
551	R_37	387119.21	3743272.33	387119.21,	9.65E-05	6.36E-05	1.5E-08	1.0E-08	3.8E-10	3.9E-09	4.1E-09
552	R_37	387119.21	3743322.33	387119.21,	9.90E-05	7.25E-05	1.6E-08	1.1E-08	3.9E-10	4.5E-09	4.6E-09
553	R_37	387169.21	3742972.33	387169.21,	1.02E-04	3.54E-05	1.6E-08	5.6E-09	4.0E-10	2.2E-09	2.5E-09
554	R_37	387169.21	3743022.33	387169.21,	1.06E-04	3.86E-05	1.7E-08	6.1E-09	4.1E-10	2.4E-09	2.7E-09
555	R_37	387169.21	3743072.33	387169.21,	1.10E-04	4.25E-05	1.7E-08	6.7E-09	4.3E-10	2.6E-09	2.9E-09
556	R_38	387169.21	3743122.33	387169.21,	1.14E-04	4.76E-05	1.8E-08	7.5E-09	4.5E-10	2.9E-09	3.2E-09
557	R_38	387169.21	3743172.33	387169.21,	1.18E-04	5.41E-05	1.9E-08	8.5E-09	4.6E-10	3.3E-09	3.6E-09
558	R_38	387169.21	3743222.33	387169.21,	1.22E-04	6.28E-05	1.9E-08	9.9E-09	4.8E-10	3.9E-09	4.1E-09
559	R_38	387169.21	3743272.33	387169.21,	1.27E-04	7.43E-05	2.0E-08	1.2E-08	5.0E-10	4.6E-09	4.8E-09
560	R_38	387169.21	3743322.33	387169.21,	1.30E-04	8.82E-05	2.0E-08	1.4E-08	5.1E-10	5.5E-09	5.6E-09
561	R_38	387219.21	3742972.33	387219.21,	1.34E-04	3.75E-05	2.1E-08	5.9E-09	5.3E-10	2.3E-09	2.7E-09
562	R_38	387219.21	3743022.33	387219.21,	1.37E-04	4.11E-05	2.2E-08	6.5E-09	5.4E-10	2.5E-09	2.9E-09
563	R_38	387219.21	3743072.33	387219.21,	1.40E-04	4.58E-05	2.2E-08	7.2E-09	5.5E-10	2.8E-09	3.2E-09
564	R_38	387219.21	3743122.33	387219.21,	1.43E-04	5.18E-05	2.3E-08	8.2E-09	5.6E-10	3.2E-09	3.6E-09
565	R_38	387219.21	3743172.33	387219.21,	1.46E-04	6.00E-05	2.3E-08	9.4E-09	5.7E-10	3.7E-09	4.0E-09
566	R_39	387219.21	3743222.33	387219.21,	4.73E-05	7.19E-05	7.4E-09	1.1E-08	1.9E-10	4.4E-09	4.4E-09
567	R_39	387219.21	3743272.33	387219.21,	4.81E-05	9.03E-05	7.6E-09	1.4E-08	1.9E-10	5.6E-09	5.4E-09
568	R_39	387219.21	3743322.33	387219.21,	4.91E-05	1.18E-04	7.7E-09	1.9E-08	1.9E-10	7.3E-09	7.0E-09
569	R_39	387269.21	3742972.33	387269.21,	5.01E-05	3.97E-05	7.9E-09	6.3E-09	2.0E-10	2.5E-09	2.5E-09
570	R_39	387269.21	3743022.33	387269.21,	5.11E-05	4.40E-05	8.0E-09	6.9E-09	2.0E-10	2.7E-09	2.8E-09
571	R_39	387269.21	3743072.33	387269.21,	5.21E-05	4.95E-05	8.2E-09	7.8E-09	2.0E-10	3.1E-09	3.1E-09
572	R_39	387269.21	3743122.33	387269.21,	5.33E-05	5.67E-05	8.4E-09	8.9E-09	2.1E-10	3.5E-09	3.5E-09
573	R_39	387269.21	3743172.33	387269.21,	5.44E-05	6.72E-05	8.6E-09	1.1E-08	2.1E-10	4.2E-09	4.1E-09
574	R_39	387269.21	3743222.33	387269.21,	5.57E-05	8.39E-05	8.8E-09	1.3E-08	2.2E-10	5.2E-09	5.1E-09
575	R_39	387269.21	3743272.33	387269.21,	5.73E-05	1.16E-04	9.0E-09	1.8E-08	2.2E-10	7.2E-09	6.9E-09
576	R_40	387269.21	3743322.33	387269.21,	5.88E-05	2.04E-04	9.3E-09	3.2E-08	2.3E-10	1.3E-08	1.2E-08
577	R_40	387319.21	3742972.33	387319.21,	6.06E-05	4.24E-05	9.5E-09	6.7E-09	2.4E-10	2.6E-09	2.7E-09
578	R_40	387319.21	3743022.33	387319.21,	6.25E-05	4.74E-05	9.9E-09	7.5E-09	2.5E-10	2.9E-09	3.0E-09
579	R_40	387319.21	3743072.33	387319.21,	6.47E-05	5.40E-05	1.0E-08	8.5E-09	2.5E-10	3.3E-09	3.4E-09
580	R_40	387319.21	3743122.33	387319.21,	6.70E-05	6.31E-05	1.1E-08	9.9E-09	2.6E-10	3.9E-09	3.9E-09
581	R_40	387319.21	3743172.33	387319.21,	6.93E-05	7.69E-05	1.1E-08	1.2E-08	2.7E-10	4.8E-09	4.7E-09
582	R_40	387319.21	3743222.33	387319.21,	7.17E-05	1.02E-04	1.1E-08	1.6E-08	2.8E-10	6.3E-09	6.2E-09
583	R_40	387319.21	3743272.33	387319.21,	7.43E-05	1.63E-04	1.2E-08	2.6E-08	2.9E-10	1.0E-08	9.7E-09
584	R_40	387319.21	3743322.33	387319.21,	7.64E-05	5.36E-04	1.2E-08	8.4E-08	3.0E-10	3.3E-08	3.1E-08
585	R_40	387369.21	3742972.33	387369.21,	7.86E-05	4.52E-05	1.2E-08	7.1E-09	3.1E-10	2.8E-09	2.9E-09
586	R_41	387369.21	3743022.33	387369.21,	8.04E-05	5.12E-05	1.3E-08	8.1E-09	3.2E-10	3.2E-09	3.3E-09
587	R_41	387369.21	3743072.33	387369.21,	8.24E-05	5.91E-05	1.3E-08	9.3E-09	3.2E-10	3.7E-09	3.7E-09
588	R_41	387369.21	3743122.33	387369.21,	8.43E-05	7.06E-05	1.3E-08	1.1E-08	3.3E-10	4.4E-09	4.4E-09
589	R_41	387369.21	3743172.33	387369.21,	8.63E-05	8.93E-05	1.4E-08	1.4E-08	3.4E-10	5.5E-09	5.5E-09
590	R_41	387369.21	3743222.33	387369.21,	8.88E-05	1.27E-04	1.4E-08	2.0E-08	3.5E-10	7.8E-09	7.7E-09
591	R_41	387369.21	3743272.33	387369.21,	9.14E-05	2.32E-04	1.4E-08	3.7E-08	3.6E-10	1.4E-08	1.4E-08
592	R_41	387419.21	3742972.33	387419.21,	1.03E-04	4.85E-05	1.6E-08	7.6E-09	4.0E-10	3.0E-09	3.2E-09
593	R_41	387419.21	3743022.33	387419.21,	1.07E-04	5.55E-05	1.7E-08	8.7E-09	4.2E-10	3.4E-09	3.6E-09
594	R_41	387419.21	3743072.33	387419.21,	1.10E-04	6.50E-05	1.7E-08	1.0E-08	4.3E-10	4.0E-09	4.2E-09
595	R_41	387419.21	3743122.33	387419.21,	1.14E-04	7.94E-05	1.8E-08	1.3E-08	4.5E-10	4.9E-09	5.0E-09
596	R_42	387419.21	3743172.33	387419.21,	1.18E-04	1.04E-04	1.9E-08	1.6E-08	4.6E-10	6.4E-09	6.5E-09
597	R_42	387419.21	3743222.33	387419.21,	1.21E-04	1.55E-04	1.9E-08	2.4E-08	4.8E-10	9.6E-09	9.5E-09
598	R_42	387419.21	3743272.33	387419.21,	1.25E-04	2.83E-04	2.0E-08	4.5E-08	4.9E-10	1.8E-08	1.7E-08
599	R_42	387469.21	3743072.33	387469.21,	1.28E-04	7.18E-05	2.0E-08	1.1E-08	5.0E-10	4.4E-09	4.7E-09
600	R_42	387469.21	3743122.33	387469.21,	1.30E-04	8.95E-05	2.0E-08	1.4E-08	5.1E-10	5.5E-09	5.7E-09
601	R_42	387469.21	3743172.33	387469.21,	1.33E-04	1.20E-04	2.1E-08	1.9E-08	5.2E-10	7.4E-09	7.5E-09
602	R_42	387469.21	3743222.33	387469.21,	1.35E-04	1.79E-04	2.1E-08	2.8E-08	5.3E-10	1.1E-08	1.1E-08
603	R_42	387469.21	3743272.33	387469.21,	4.61E-05	3.07E-04	7.3E-09	4.8E-08	1.8E-10	1.9E-08	1.8E-08
604	W_1	387578.38	3743390.44	387578.38,	4.70E-05	3.88E-04	7.4E-09	6.1E-08	1.8E-10	2.4E-08	2.3E-08
605	W_1	387608.38	3743390.44	387608.38,	4.79E-05	3.04E-04	7.5E-09	4.8E-08	1.9E-10	1.9E-08	1.8E-08
606	W_1	387638.38	3743390.44	387638.38,	4.88E-05	2.62E-04	7.7E-09	4.1E-08	1.9E-10	1.6E-08	1.5E-08
607	W_1	387369.87	3743365.2	387369.87,	4.98E-05	6.06E-04	7.8E-09	9.6E-08	2.0E-10	3.8E-08	3.5E-08
608	W_1	387399.87	3743365.2	387399.87,	5.08E-05	6.24E-04	8.0E-09	9.8E-08	2.0E-10	3.9E-08	3.6E-08
609	W_1	387429.87	3743365.2	387429.87,	5.18E-05	6.41E-04	8.2E-09	1.0E-07	2.0E-10	4.0E-08	3.7E-08
610	W_1	387459.87	3743365.2	387459.87,	5.30E-05	6.68E-04	8.3E-09	1.1E-07	2.1E-10	4.1E-08	3.9E-08
611	W_1	387489.87	3743365.2	387489.87,	5.42E-05	7.65E-04	8.5E-09	1.2E-07	2.1E-10	4.7E-08	4.5E-08
612	W_1	387489.87	3743395.2	387489.87,	5.57E-05	6.73E-04	8.8E-09	1.1E-07	2.2E-10	4.2E-08	3.9E-08
613	R_42	388754.52	3743939.25	388754.52,	5.73E-05	4.03E-05	9.0E-09	6.3E-09	2.2E-10	2.5E-09	2.6E-09
614	R_42	388754.52	3743989.25	388754.52,	5.91E-05	3.44E-05	9.3E-09	5.4E-09	2.3E-10	2.1E-09	2.2E-09
615	R_43	388754.52	3744039.25	388754.52,	6.09E-05	3.23E-05	9.6E-09	5.1E-09	2.4E-10	2.0E-09	2.1E-09
616	R_43	388754.52	3744089.25	388754.52,	6.31E-05	4.09E-05	9.9E-09	6.4E-09	2.5E-10	2.5E-09	2.6E-09
617	R_43	388754.52	3744139.25	388754.52,	6.52E-05	3.91E-05	1.0E-08	6.2E-09	2.6E-10	2.4E-09	2.5E-09
618	R_43	388754.52	3744189.25	388754.52,	6.74E-05	3.76E-05	1.1E-08	5.9E-09	2.6E-10	2.3E-09	2.4E-09
619	R_43	388804.52	3743889.25	388804.52,	6.96E-05	4.15E-05	1.1E-08	6.5E-09	2.7E-10	2.6E-09	2.7E-09
620	R_43	388804.52	3743939.25	388804.52,	7.17E-05	3.50E-05	1.1E-08	5.5E-09	2.8E-10	2.2E-09	2.3E-09

621	R_43	388804.52	3743989.25	388804.52,	7.35E-05	2.98E-05	1.2E-08	4.7E-09	2.9E-10	1.8E-09	2.0E-09
622	R_43	388804.52	3744039.25	388804.52,	7.52E-05	2.63E-05	1.2E-08	4.1E-09	2.9E-10	1.6E-09	1.8E-09
623	R_43	388804.52	3744089.25	388804.52,	7.71E-05	2.58E-05	1.2E-08	4.1E-09	3.0E-10	1.6E-09	1.8E-09
624	R_43	388804.52	3744139.25	388804.52,	7.89E-05	3.57E-05	1.2E-08	5.6E-09	3.1E-10	2.2E-09	2.4E-09
625	R_44	388804.52	3744189.25	388804.52,	8.06E-05	3.44E-05	1.3E-08	5.4E-09	3.2E-10	2.1E-09	2.3E-09
626	R_44	388804.52	3744239.25	388804.52,	8.24E-05	3.33E-05	1.3E-08	5.2E-09	3.2E-10	2.1E-09	2.3E-09
627	R_44	388804.52	3744289.25	388804.52,	8.44E-05	3.23E-05	1.3E-08	5.1E-09	3.3E-10	2.0E-09	2.2E-09
628	R_44	388854.52	3743889.25	388854.52,	8.66E-05	3.70E-05	1.4E-08	5.8E-09	3.4E-10	2.3E-09	2.5E-09
629	R_44	388854.52	3743939.25	388854.52,	1.14E-04	3.14E-05	1.8E-08	4.9E-09	4.5E-10	1.9E-09	2.3E-09
630	R_44	388854.52	3743989.25	388854.52,	1.17E-04	2.69E-05	1.8E-08	4.2E-09	4.6E-10	1.7E-09	2.0E-09
631	R_44	388854.52	3744039.25	388854.52,	1.19E-04	2.38E-05	1.9E-08	3.7E-09	4.7E-10	1.5E-09	1.8E-09
632	R_44	388854.52	3744089.25	388854.52,	1.22E-04	2.20E-05	1.9E-08	3.5E-09	4.8E-10	1.4E-09	1.8E-09
633	R_44	388854.52	3744139.25	388854.52,	1.24E-04	2.53E-05	1.9E-08	4.0E-09	4.9E-10	1.6E-09	2.0E-09
634	R_44	388854.52	3744189.25	388854.52,	1.26E-04	3.15E-05	2.0E-08	5.0E-09	4.9E-10	2.0E-09	2.3E-09
635	R_45	388854.52	3744239.25	388854.52,	4.50E-05	3.06E-05	7.1E-09	4.8E-09	1.8E-10	1.9E-09	1.9E-09
636	R_45	388854.52	3744289.25	388854.52,	4.58E-05	2.97E-05	7.2E-09	4.7E-09	1.8E-10	1.8E-09	1.9E-09
637	R_45	388854.52	3744339.25	388854.52,	4.66E-05	2.89E-05	7.3E-09	4.6E-09	1.8E-10	1.8E-09	1.9E-09
638	R_45	388904.52	3743889.25	388904.52,	4.74E-05	3.33E-05	7.5E-09	5.2E-09	1.9E-10	2.1E-09	2.1E-09
639	R_45	388904.52	3743939.25	388904.52,	4.83E-05	2.85E-05	7.6E-09	4.5E-09	1.9E-10	1.8E-09	1.8E-09
640	R_45	388904.52	3743989.25	388904.52,	4.93E-05	2.45E-05	7.8E-09	3.9E-09	1.9E-10	1.5E-09	1.6E-09
641	R_45	388904.52	3744039.25	388904.52,	5.02E-05	2.17E-05	7.9E-09	3.4E-09	2.0E-10	1.3E-09	1.5E-09
642	R_45	388904.52	3744089.25	388904.52,	5.14E-05	2.00E-05	8.1E-09	3.2E-09	2.0E-10	1.2E-09	1.4E-09
643	R_45	388904.52	3744139.25	388904.52,	5.26E-05	1.91E-05	8.3E-09	3.0E-09	2.1E-10	1.2E-09	1.3E-09
644	R_45	388904.52	3744189.25	388904.52,	5.42E-05	2.04E-05	8.5E-09	3.2E-09	2.1E-10	1.3E-09	1.4E-09
645	R_46	388904.52	3744239.25	388904.52,	5.57E-05	2.22E-05	8.8E-09	3.5E-09	2.2E-10	1.4E-09	1.5E-09
646	R_46	388904.52	3744289.25	388904.52,	5.72E-05	2.53E-05	9.0E-09	4.0E-09	2.2E-10	1.6E-09	1.7E-09
647	R_46	388904.52	3744339.25	388904.52,	5.91E-05	2.69E-05	9.3E-09	4.2E-09	2.3E-10	1.7E-09	1.8E-09
648	R_46	388904.52	3744389.25	388904.52,	6.11E-05	2.61E-05	9.6E-09	4.1E-09	2.4E-10	1.6E-09	1.8E-09
649	R_46	388904.52	3744439.25	388904.52,	6.32E-05	2.55E-05	9.9E-09	4.0E-09	2.5E-10	1.6E-09	1.7E-09
650	R_46	388954.52	3743939.25	388954.52,	6.53E-05	2.60E-05	1.0E-08	4.1E-09	2.6E-10	1.6E-09	1.8E-09
651	R_46	388954.52	3743989.25	388954.52,	6.71E-05	2.23E-05	1.1E-08	3.5E-09	2.6E-10	1.4E-09	1.6E-09
652	R_46	388954.52	3744039.25	388954.52,	6.87E-05	1.97E-05	1.1E-08	3.1E-09	2.7E-10	1.2E-09	1.4E-09
653	R_46	388954.52	3744089.25	388954.52,	7.07E-05	1.81E-05	1.1E-08	2.8E-09	2.8E-10	1.1E-09	1.3E-09
654	R_46	388954.52	3744139.25	388954.52,	7.23E-05	1.71E-05	1.1E-08	2.7E-09	2.8E-10	1.1E-09	1.3E-09
655	S_46	388882.82	3743721.97	388882.82,	7.37E-05	5.33E-05	1.2E-08	8.4E-09	2.9E-10	3.3E-09	3.4E-09
656	S_47	388882.82	3743771.97	388882.82,	7.53E-05	4.70E-05	1.2E-08	7.4E-09	3.0E-10	2.9E-09	3.0E-09
657	S_48	388932.82	3743721.97	388932.82,	7.70E-05	4.68E-05	1.2E-08	7.4E-09	3.0E-10	2.9E-09	3.0E-09
658	S_49	388932.82	3743771.97	388932.82,	7.86E-05	4.19E-05	1.2E-08	6.6E-09	3.1E-10	2.6E-09	2.7E-09
659	S_50	388932.82	3743821.97	388932.82,	8.05E-05	3.73E-05	1.3E-08	5.9E-09	3.2E-10	2.3E-09	2.5E-09
660	W_1	387765.02	3743382.77	387765.02,	8.24E-05	1.98E-04	1.3E-08	3.1E-08	3.2E-10	1.2E-08	1.2E-08
661	W_1	387815.02	3743382.77	387815.02,	1.07E-04	1.91E-04	1.7E-08	3.0E-08	4.2E-10	1.2E-08	1.2E-08
662	W_1	387815.02	3743432.77	387815.02,	1.09E-04	2.19E-04	1.7E-08	3.5E-08	4.3E-10	1.4E-08	1.3E-08
663	W_1	387865.02	3743382.77	387865.02,	1.12E-04	1.89E-04	1.8E-08	3.0E-08	4.4E-10	1.2E-08	1.1E-08
664	W_1	387865.02	3743432.77	387865.02,	1.14E-04	2.16E-04	1.8E-08	3.4E-08	4.5E-10	1.3E-08	1.3E-08
665	W_1	387915.02	3743382.77	387915.02,	1.16E-04	1.92E-04	1.8E-08	3.0E-08	4.6E-10	1.2E-08	1.2E-08
666	W_1	387915.02	3743432.77	387915.02,	1.17E-04	2.20E-04	1.8E-08	3.5E-08	4.6E-10	1.4E-08	1.3E-08
667	W_1	387965.02	3743432.77	387965.02,	9.78E-05	2.27E-04	1.5E-08	3.6E-08	3.8E-10	1.4E-08	1.4E-08
668		387713.39	3743372.67	387713.39,	9.50E-05	2.08E-04	1.5E-08	3.3E-08	3.7E-10	1.3E-08	1.2E-08
669		387763.39	3743422.67	387763.39,	9.25E-05	2.21E-04	1.5E-08	3.5E-08	3.6E-10	1.4E-08	1.3E-08
670	R_47	387583.29	3743113.63	387583.29,	8.99E-05	1.07E-04	1.4E-08	1.7E-08	3.5E-10	6.7E-09	6.6E-09
671	R_47	387583.29	3743163.63	387583.29,	8.74E-05	1.40E-04	1.4E-08	2.2E-08	3.4E-10	8.7E-09	8.5E-09
672	R_47	387583.29	3743213.63	387583.29,	8.50E-05	1.89E-04	1.3E-08	3.0E-08	3.3E-10	1.2E-08	1.1E-08
673	R_47	387583.29	3743263.63	387583.29,	8.28E-05	2.63E-04	1.3E-08	4.1E-08	3.2E-10	1.6E-08	1.6E-08
674	R_47	387633.29	3743163.63	387633.29,	8.06E-05	1.43E-04	1.3E-08	2.3E-08	3.2E-10	8.9E-09	8.6E-09
675	R_47	387633.29	3743213.63	387633.29,	7.85E-05	1.82E-04	1.2E-08	2.9E-08	3.1E-10	1.1E-08	1.1E-08
676	R_47	387633.29	3743263.63	387633.29,	7.64E-05	2.26E-04	1.2E-08	3.6E-08	3.0E-10	1.4E-08	1.3E-08
677	R_47	387633.29	3743313.63	387633.29,	7.45E-05	2.55E-04	1.2E-08	4.0E-08	2.9E-10	1.6E-08	1.5E-08
678	R_47	387683.29	3743263.63	387683.29,	7.26E-05	1.93E-04	1.1E-08	3.0E-08	2.8E-10	1.2E-08	1.1E-08
679	R_47	387683.29	3743313.63	387683.29,	7.09E-05	2.08E-04	1.1E-08	3.3E-08	2.8E-10	1.3E-08	1.2E-08
680	W_1	388242.48	3743969.33	388242.48,	6.91E-05	2.92E-04	1.1E-08	4.6E-08	2.7E-10	1.8E-08	1.7E-08
681	W_1	388242.48	3744019.33	388242.48,	1.02E-04	2.36E-04	1.6E-08	3.7E-08	4.0E-10	1.5E-08	1.4E-08
682	W_1	388242.48	3744069.33	388242.48,	9.87E-05	2.08E-04	1.6E-08	3.3E-08	3.9E-10	1.3E-08	1.2E-08
683	W_1	388242.48	3744119.33	388242.48,	9.59E-05	1.87E-04	1.5E-08	2.9E-08	3.8E-10	1.2E-08	1.1E-08
684	W_1	388242.48	3744169.33	388242.48,	9.29E-05	1.69E-04	1.5E-08	2.7E-08	3.6E-10	1.0E-08	1.0E-08
685	W_1	388242.48	3744219.33	388242.48,	9.03E-05	1.54E-04	1.4E-08	2.4E-08	3.5E-10	9.5E-09	9.3E-09
686	W_1	388242.48	3744269.33	388242.48,	8.77E-05	1.41E-04	1.4E-08	2.2E-08	3.4E-10	8.7E-09	8.5E-09
687	W_1	388242.48	3744319.33	388242.48,	8.52E-05	1.28E-04	1.3E-08	2.0E-08	3.3E-10	7.9E-09	7.8E-09
688	W_1	388242.48	3744369.33	388242.48,	8.28E-05	1.17E-04	1.3E-08	1.8E-08	3.2E-10	7.2E-09	7.1E-09
689	W_1	388242.48	3744419.33	388242.48,	8.06E-05	1.06E-04	1.3E-08	1.7E-08	3.2E-10	6.6E-09	6.5E-09
690	W_1	388242.48	3744469.33	388242.48,	7.84E-05	9.63E-05	1.2E-08	1.5E-08	3.1E-10	6.0E-09	5.9E-09
691	W_1	388292.48	3743969.33	388292.48,	7.63E-05	2.16E-04	1.2E-08	3.4E-08	3.0E-10	1.3E-08	1.3E-08
692	W_1	388292.48	3744019.33	388292.48,	7.42E-05	1.80E-04	1.2E-08	2.8E-08	2.9E-10	1.1E-08	1.1E-08
693	W_1	388292.48	3744069.33	388292.48,	7.23E-05	1.61E-04	1.1E-08	2.5E-08	2.8E-10	1.0E-08	9.6E-09
694	W_1	388292.48	3744119.33	388292.48,	7.05E-05	1.48E-04	1.1E-08	2.3E-08	2.8E-10	9.1E-09	8.8E-09
695	W_1	388292.48	3744169.33	388292.48,	1.06E-04	1.36E-04	1.7E-08	2.1E-08	4.2E-10	8.4E-09	8.3E-09
696	W_1	388292.48	3744219.33	388292.48,	1.03E-04	1.26E-04	1.6E-08	2.0E-08	4.0E-10	7.8E-09	7.7E-09
697	W_1	388292.48	3744269.33	388292.48,	9.98E-05	1.17E-04	1.6E-08	1.8E-08	3.9E-10	7.2E-09	7.2E-09
698	W_1	388292.48	3744319.33	388292.48,	9.64E-05	1.08E-04	1.5E-08	1.7E-08	3.8E-10	6.7E-09	6.6E-09
699	W_1	388292.48	3744369.33	388292.48,	9.35E-05	9.94E-05	1.5E-08	1.6E-08	3.7E-10	6.2E-09	6.1E-09
700	W_1	388292.48	3744419.33	388292.48,	9.07E-05	9.15E-05	1.4E-08	1.4E-08	3.6E-10	5.7E-09	5.7E-09
701	W_1	388292.48	3744469.33	388292.48,	8.80E-05	8.40E-05	1.4E-08	1.3E-08	3.5E-10	5.2E-09	5.2E-09
702	W_1	388292.48	3744519.33	388292.48,	8.55E-05	7.72E-05	1.3E-08	1.2E-08	3.4E-10	4.8E-09	4.8E-09
703	W_1	388292.48	3744569.33	388292.48,	8.30E-05	7.09E-05	1.3E-08	1.1E-08	3.3E-10	4.4E-09	4.4E-09
704	R_48	388780.42	3742965.27	388780.42,	8.06E-05	8.90E-05	1.3E-08	1.4E-08	3.2E-10	5.5E-09	5.5E-09
705	R_48	388780.42	3743015.27	388780.42,	7.84E-05	9.62E-05	1.2E-08	1.5E-08	3.1E-10	6.0E-09	5.9E-09
706	R_48	388780.42	3743065.27	388780.42,	7.63E-05	1.04E-04	1.2E-08	1.6E-08	3.0E-10	6.4E-09	6.3E-09
707	R_48	388780.42	3743115.27	388780.42,	7.42E-05	1.12E-04	1.2E-08	1.8E-08	2.9E-10	6.9E-09	6.8E-09
708	R_48	388780.42	3743165.27	388780.42,	7.22E-05	1.21E-04	1.1E-08	1.9E-08	2.8E-10	7.5E-09	7.3E-09
709	R_48	388780.42	3743215.27	388780.42,	1.11E-04	1.30E-04	1.8E-08	2.0E-08	4.4E-10	8.0E-09	8.0E-09
710	R_48	388830.42	3742965.27	388830.42,	1.08E-04	8.88E-05	1.7E-08	1.4E-08	4.2E-10	5.5E-09	5.6E-09

711	R_48	388830.42	3743015.27	388830.42, 3	1.04E-04	9.57E-05	1.6E-08	1.5E-08	4.1E-10	5.9E-09	6.0E-09
712	R_48	388830.42	3743065.27	388830.42, 3	1.00E-04	1.03E-04	1.6E-08	1.6E-08	3.9E-10	6.4E-09	6.4E-09
713	R_48	388830.42	3743115.27	388830.42, 3	9.70E-05	1.11E-04	1.5E-08	1.8E-08	3.8E-10	6.9E-09	6.8E-09
714	R_49	388830.42	3743165.27	388830.42, 3	9.40E-05	1.19E-04	1.5E-08	1.9E-08	3.7E-10	7.4E-09	7.3E-09
715	R_49	388880.42	3742965.27	388880.42, 3	9.11E-05	8.86E-05	1.4E-08	1.4E-08	3.6E-10	5.5E-09	5.5E-09
716	R_49	388880.42	3743015.27	388880.42, 3	8.83E-05	9.51E-05	1.4E-08	1.5E-08	3.5E-10	5.9E-09	5.9E-09
717	R_49	388880.42	3743065.27	388880.42, 3	8.57E-05	1.02E-04	1.3E-08	1.6E-08	3.4E-10	6.3E-09	6.3E-09
718	R_49	388880.42	3743115.27	388880.42, 3	8.31E-05	1.09E-04	1.3E-08	1.7E-08	3.3E-10	6.8E-09	6.6E-09
719	R_49	388880.42	3743165.27	388880.42, 3	8.07E-05	1.15E-04	1.3E-08	1.8E-08	3.2E-10	7.1E-09	7.0E-09
720	R_49	388930.42	3742965.27	388930.42, 3	7.84E-05	8.81E-05	1.2E-08	1.4E-08	3.1E-10	5.5E-09	5.4E-09
721	R_49	388930.42	3743015.27	388930.42, 3	7.61E-05	9.43E-05	1.2E-08	1.5E-08	3.0E-10	5.8E-09	5.8E-09
722	R_49	388930.42	3743065.27	388930.42, 3	7.40E-05	1.00E-04	1.2E-08	1.6E-08	2.9E-10	6.2E-09	6.1E-09
723	R_49	388930.42	3743115.27	388930.42, 3	1.09E-04	1.06E-04	1.7E-08	1.7E-08	4.3E-10	6.6E-09	6.6E-09
724	R_50	388930.42	3743165.27	388930.42, 3	1.05E-04	1.11E-04	1.7E-08	1.7E-08	4.1E-10	6.9E-09	6.8E-09

DOSEair = (Cair*(BR/BW)*A*EF*10^{-6})

A	1	Inhalation absorption factor[1]
EF	0.68	Exposure frequency (250/year)[2]
WAF	1	Worker Adjustment Factor[10]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Risk = DOSEair * CPF * ASF * ED/AT * FAH

CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

						Combined	
Age	BR/BW	ASF	FAH	ED (Const)	ED (Ops)	ED (Const)	ED (Ops)
Worker	230	1	1	1.5833333	25	1.583333	23.41667

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Student Risk (Unmitigated)

Discrete Receptor ID				Concentration [ug/m^3] Construction Total	Concentration [ug/m^3] Operations Total	Student Dose Construction	Student Dose Operations	Student Risk Construction	Student Risk Operations	Student Risk Combined
	X	Y	X, Y							
1 W_1	387507.26	3743641.71	387507.26, 3	5.06E-05	3.36E-04	1.6E-08	1.1E-07	1.2E-09	3.5E-08	2.8E-08
2 W_2	387507.26	3743691.71	387507.26, 3	5.20E-05	3.09E-04	1.6E-08	9.8E-08	1.2E-09	3.2E-08	2.6E-08
3 W_3	387507.26	3743741.71	387507.26, 3	5.10E-05	3.09E-04	1.6E-08	9.7E-08	1.2E-09	3.2E-08	2.6E-08
4 W_4	387507.26	3743791.71	387507.26, 3	5.23E-05	3.05E-04	1.7E-08	9.6E-08	1.2E-09	3.2E-08	2.6E-08
5 W_5	387507.26	3743841.71	387507.26, 3	5.37E-05	2.94E-04	1.7E-08	9.3E-08	1.3E-09	3.1E-08	2.5E-08
6 W_6	387557.26	3743641.71	387557.26, 3	5.49E-05	4.44E-04	1.7E-08	1.4E-07	1.3E-09	4.6E-08	3.7E-08
7 W_7	387557.26	3743691.71	387557.26, 3	5.15E-05	4.40E-04	1.6E-08	1.4E-07	1.2E-09	4.6E-08	3.7E-08
8 W_8	387557.26	3743741.71	387557.26, 3	5.25E-05	4.53E-04	1.7E-08	1.4E-07	1.2E-09	4.7E-08	3.8E-08
9 W_9	387557.26	3743791.71	387557.26, 3	5.42E-05	4.25E-04	1.7E-08	1.3E-07	1.3E-09	4.4E-08	3.6E-08
10 W_1(	387557.26	3743841.71	387557.26, 3	5.54E-05	3.83E-04	1.7E-08	1.2E-07	1.3E-09	4.0E-08	3.2E-08
11 W_11	387557.26	3743891.71	387557.26, 3	5.67E-05	3.49E-04	1.8E-08	1.1E-07	1.3E-09	3.6E-08	2.9E-08
12 W_12	387557.26	3743941.71	387557.26, 3	5.81E-05	3.27E-04	1.8E-08	1.0E-07	1.4E-09	3.4E-08	2.8E-08
13 W_13	387557.26	3743991.71	387557.26, 3	5.95E-05	3.07E-04	1.9E-08	9.7E-08	1.4E-09	3.2E-08	2.6E-08
14 W_14	387607.26	3743841.71	387607.26, 3	6.11E-05	5.36E-04	1.9E-08	1.7E-07	1.4E-09	5.6E-08	4.5E-08
15 W_15	387607.26	3743891.71	387607.26, 3	5.17E-05	4.50E-04	1.6E-08	1.4E-07	1.2E-09	4.7E-08	3.7E-08
16 W_16	387607.26	3743941.71	387607.26, 3	5.32E-05	4.14E-04	1.7E-08	1.3E-07	1.3E-09	4.3E-08	3.5E-08
17 W_17	387607.26	3743991.71	387607.26, 3	5.46E-05	3.85E-04	1.7E-08	1.2E-07	1.3E-09	4.0E-08	3.2E-08
18 W_18	387607.26	3744041.71	387607.26, 3	5.59E-05	3.47E-04	1.8E-08	1.1E-07	1.3E-09	3.6E-08	2.9E-08
19 W_19	387607.26	3744091.71	387607.26, 3	5.72E-05	3.07E-04	1.8E-08	9.7E-08	1.3E-09	3.2E-08	2.6E-08
20 W_2(	387657.26	3743841.71	387657.26, 3	5.87E-05	7.83E-04	1.9E-08	2.5E-07	1.4E-09	8.2E-08	6.4E-08
21 W_21	387657.26	3743891.71	387657.26, 3	6.02E-05	5.94E-04	1.9E-08	1.9E-07	1.4E-09	6.2E-08	4.9E-08
22 W_22	387657.26	3743941.71	387657.26, 3	6.17E-05	5.44E-04	1.9E-08	1.7E-07	1.5E-09	5.7E-08	4.5E-08
23 W_23	387657.26	3743991.71	387657.26, 3	5.22E-05	5.03E-04	1.6E-08	1.6E-07	1.2E-09	5.2E-08	4.2E-08
24 W_24	387657.26	3744041.71	387657.26, 3	5.37E-05	4.47E-04	1.7E-08	1.4E-07	1.3E-09	4.7E-08	3.7E-08
25 W_25	387657.26	3744091.71	387657.26, 3	5.50E-05	3.88E-04	1.7E-08	1.2E-07	1.3E-09	4.0E-08	3.3E-08
26 W_26	387657.26	3744141.71	387657.26, 3	5.64E-05	3.34E-04	1.8E-08	1.1E-07	1.3E-09	3.5E-08	2.8E-08
27 W_27	387707.26	3743841.71	387707.26, 3	5.78E-05	1.03E-03	1.8E-08	3.2E-07	1.4E-09	1.1E-07	8.4E-08
28 W_28	387707.26	3743891.71	387707.26, 3	5.91E-05	8.19E-04	1.9E-08	2.6E-07	1.4E-09	8.5E-08	6.7E-08
29 W_29	387707.26	3743941.71	387707.26, 3	6.07E-05	7.76E-04	1.9E-08	2.4E-07	1.4E-09	8.1E-08	6.4E-08
30 W_3(	387707.26	3743991.71	387707.26, 3	6.23E-05	7.14E-04	2.0E-08	2.3E-07	1.5E-09	7.4E-08	5.9E-08
31 W_31	387707.26	3744041.71	387707.26, 3	5.27E-05	6.12E-04	1.7E-08	1.9E-07	1.2E-09	6.4E-08	5.1E-08
32 W_32	387707.26	3744091.71	387707.26, 3	5.43E-05	5.12E-04	1.7E-08	1.6E-07	1.3E-09	5.3E-08	4.3E-08
33 W_33	387707.26	3744141.71	387707.26, 3	5.55E-05	4.24E-04	1.8E-08	1.3E-07	1.3E-09	4.4E-08	3.5E-08
34 W_34	387757.26	3743841.71	387757.26, 3	5.69E-05	1.46E-03	1.8E-08	4.6E-07	1.3E-09	1.5E-07	1.2E-07
35 W_35	387757.26	3743891.71	387757.26, 3	5.83E-05	1.45E-03	1.8E-08	4.6E-07	1.4E-09	1.5E-07	1.2E-07
36 W_36	387757.26	3743941.71	387757.26, 3	5.97E-05	1.49E-03	1.9E-08	4.7E-07	1.4E-09	1.6E-07	1.2E-07
37 W_37	387757.26	3743991.71	387757.26, 3	6.13E-05	1.19E-03	1.9E-08	3.8E-07	1.4E-09	1.2E-07	9.7E-08
38 W_38	387757.26	3744041.71	387757.26, 3	6.29E-05	8.93E-04	2.0E-08	2.8E-07	1.5E-09	9.3E-08	7.3E-08
39 W_39	387757.26	3744091.71	387757.26, 3	5.33E-05	6.85E-04	1.7E-08	2.2E-07	1.3E-09	7.1E-08	5.6E-08
40 W_4(	387757.26	3744141.71	387757.26, 3	5.46E-05	5.33E-04	1.7E-08	1.7E-07	1.3E-09	5.6E-08	4.4E-08
41 W_41	387862.1	3744056.02	387862.1, 37	5.59E-05	1.29E-03	1.8E-08	4.1E-07	1.3E-09	1.3E-07	1.0E-07
42 W_42	387862.1	3744106.02	387862.1, 37	5.73E-05	8.60E-04	1.8E-08	2.7E-07	1.4E-09	9.0E-08	7.1E-08
43 W_43	387912.1	3744056.02	387912.1, 37	5.88E-05	1.21E-03	1.9E-08	3.8E-07	1.4E-09	1.3E-07	9.9E-08
44 W_44	387912.1	3744106.02	387912.1, 37	6.02E-05	8.61E-04	1.9E-08	2.7E-07	1.4E-09	9.0E-08	7.1E-08
45 W_45	387962.1	3744056.02	387962.1, 37	6.18E-05	1.15E-03	2.0E-08	3.6E-07	1.5E-09	1.2E-07	9.4E-08
46 W_46	387962.1	3744106.02	387962.1, 37	6.35E-05	7.75E-04	2.0E-08	2.4E-07	1.5E-09	8.1E-08	6.4E-08
47 W_47	388012.1	3744056.02	388012.1, 37	5.38E-05	9.87E-04	1.7E-08	3.1E-07	1.3E-09	1.0E-07	8.1E-08
48 W_48	388012.1	3744106.02	388012.1, 37	5.51E-05	6.64E-04	1.7E-08	2.1E-07	1.3E-09	6.9E-08	5.5E-08
49 W_49	388062.1	3744056.02	388062.1, 37	5.63E-05	7.65E-04	1.8E-08	2.4E-07	1.3E-09	8.0E-08	6.3E-08
50 W_5(	388062.1	3744106.02	388062.1, 37	5.78E-05	5.29E-04	1.8E-08	1.7E-07	1.4E-09	5.5E-08	4.4E-08
51	387863.31	3744015.45	387863.31, 3	5.92E-05	1.77E-03	1.9E-08	5.6E-07	1.4E-09	1.8E-07	1.4E-07
52	387913.31	3744015.45	387913.31, 3	6.07E-05	1.72E-03	1.9E-08	5.4E-07	1.4E-09	1.8E-07	1.4E-07
53	387963.31	3744015.45	387963.31, 3	6.23E-05	1.71E-03	2.0E-08	5.4E-07	1.5E-09	1.8E-07	1.4E-07
54	388013.31	3744015.45	388013.31, 3	6.40E-05	1.52E-03	2.0E-08	4.8E-07	1.5E-09	1.6E-07	1.2E-07
55	388063.31	3744015.45	388063.31, 3	5.40E-05	1.13E-03	1.7E-08	3.6E-07	1.3E-09	1.2E-07	9.3E-08
56	387826.23	3744056.86	387826.23, 3	5.54E-05	1.17E-03	1.7E-08	3.7E-07	1.3E-09	1.2E-07	9.6E-08
57	387826.23	3744106.86	387826.23, 3	5.67E-05	8.18E-04	1.8E-08	2.6E-07	1.3E-09	8.5E-08	6.7E-08
58	387827.44	3744016.29	387827.44, 3	5.82E-05	1.70E-03	1.8E-08	5.4E-07	1.4E-09	1.8E-07	1.4E-07
59 W_51	387689.52	3743645.82	387689.52, 3	5.97E-05	5.07E-04	1.9E-08	1.6E-07	1.4E-09	5.3E-08	4.2E-08
60 W_52	387689.52	3743695.82	387689.52, 3	6.11E-05	5.38E-04	1.9E-08	1.7E-07	1.4E-09	5.6E-08	4.5E-08
61 W_53	387689.52	3743745.82	387689.52, 3	6.28E-05	6.56E-04	2.0E-08	2.1E-07	1.5E-09	6.8E-08	5.4E-08
62 W_54	387739.52	3743645.82	387739.52, 3	6.46E-05	4.17E-04	2.0E-08	1.3E-07	1.5E-09	4.3E-08	3.5E-08
63 W_55	387739.52	3743695.82	387739.52, 3	5.44E-05	4.97E-04	1.7E-08	1.6E-07	1.3E-09	5.2E-08	4.1E-08
64 W_56	387739.52	3743745.82	387739.52, 3	5.57E-05	6.64E-04	1.8E-08	2.1E-07	1.3E-09	6.9E-08	5.5E-08
65 W_57	387789.52	3743645.82	387789.52, 3	5.71E-05	4.08E-04	1.8E-08	1.3E-07	1.3E-09	4.3E-08	3.4E-08
66 W_58	387789.52	3743695.82	387789.52, 3	5.85E-05	5.25E-04	1.8E-08	1.7E-07	1.4E-09	5.5E-08	4.4E-08
67 W_59	387789.52	3743745.82	387789.52, 3	6.00E-05	7.60E-04	1.9E-08	2.4E-07	1.4E-09	7.9E-08	6.3E-08
68 W_60	387839.52	3743645.82	387839.52, 3	6.16E-05	4.38E-04	1.9E-08	1.4E-07	1.5E-09	4.6E-08	3.7E-08
69 W_61	387839.52	3743695.82	387839.52, 3	6.32E-05	6.01E-04	2.0E-08	1.9E-07	1.5E-09	6.3E-08	5.0E-08
70 W_62	387839.52	3743745.82	387839.52, 3	6.50E-05	9.53E-04	2.1E-08	3.0E-07	1.5E-09	9.9E-08	7.8E-08
71 W_63	387889.52	3743645.82	387889.52, 3	5.45E-05	4.93E-04	1.7E-08	1.6E-07	1.3E-09	5.1E-08	4.1E-08
72 W_64	387889.52	3743695.82	387889.52, 3	5.60E-05	7.17E-04	1.8E-08	2.3E-07	1.3E-09	7.5E-08	5.9E-08
73 W_65	387889.52	3743745.82	387889.52, 3	5.74E-05	1.15E-03	1.8E-08	3.6E-07	1.4E-09	1.2E-07	9.4E-08
74 W_66	387939.52	3743695.82	387939.52, 3	5.89E-05	8.31E-04	1.9E-08	2.6E-07	1.4E-09	8.7E-08	6.8E-08
75 W_67	387939.52	3743745.82	387939.52, 3	6.04E-05	1.22E-03	1.9E-08	3.9E-07	1.4E-09	1.3E-07	1.0E-07
76 W_68	387989.52	3743745.82	387989.52, 3	6.19E-05	1.24E-03	2.0E-08	3.9E-07	1.5E-09	1.3E-07	1.0E-07
77	387692.61	3743778.61	387692.61, 3	6.36E-05	8.60E-04	2.0E-08	2.7E-07	1.5E-09	9.0E-08	7.1E-08
78	387742.61	3743778.61	387742.61, 3	6.55E-05	9.30E-04	2.1E-08	2.9E-07	1.5E-09	9.7E-08	7.6E-08

79		387792.61	3743778.61	387792.61, 3	5.45E-05	1.14E-03	1.7E-08	3.6E-07	1.3E-09	1.2E-07	9.3E-08
80		387842.61	3743778.61	387842.61, 3	5.62E-05	1.57E-03	1.8E-08	5.0E-07	1.3E-09	1.6E-07	1.3E-07
81		387892.61	3743778.61	387892.61, 3	5.76E-05	1.67E-03	1.8E-08	5.3E-07	1.4E-09	1.7E-07	1.4E-07
82		387942.61	3743778.61	387942.61, 3	5.91E-05	1.75E-03	1.9E-08	5.5E-07	1.4E-09	1.8E-07	1.4E-07
83		387992.61	3743778.61	387992.61, 3	6.06E-05	1.78E-03	1.9E-08	5.6E-07	1.4E-09	1.9E-07	1.4E-07
84		387654.54	3743692.47	387654.54, 3	6.23E-05	6.81E-04	2.0E-08	2.1E-07	1.5E-09	7.1E-08	5.6E-08
85		387654.54	3743742.47	387654.54, 3	6.40E-05	7.43E-04	2.0E-08	2.3E-07	1.5E-09	7.7E-08	6.1E-08
86	W_6(	387705.59	3744244.86	387705.59, 3	6.58E-05	2.96E-04	2.1E-08	9.3E-08	1.6E-09	3.1E-08	2.5E-08
87	W_7(	387705.59	3744294.86	387705.59, 3	5.47E-05	2.51E-04	1.7E-08	7.9E-08	1.3E-09	2.6E-08	2.2E-08
88	W_71	387755.59	3744244.86	387755.59, 3	5.63E-05	3.46E-04	1.8E-08	1.1E-07	1.3E-09	3.6E-08	2.9E-08
89	W_7:	387755.59	3744294.86	387755.59, 3	5.78E-05	2.86E-04	1.8E-08	9.0E-08	1.4E-09	3.0E-08	2.4E-08
90	W_7:	387755.59	3744344.86	387755.59, 3	5.93E-05	2.38E-04	1.9E-08	7.5E-08	1.4E-09	2.5E-08	2.1E-08
91	W_7-	387755.59	3744394.86	387755.59, 3	6.09E-05	2.00E-04	1.9E-08	6.3E-08	1.4E-09	2.1E-08	1.8E-08
92	W_7!	387805.59	3744294.86	387805.59, 3	6.25E-05	3.13E-04	2.0E-08	9.9E-08	1.5E-09	3.3E-08	2.7E-08
93	W_7(	387805.59	3744344.86	387805.59, 3	6.43E-05	2.58E-04	2.0E-08	8.1E-08	1.5E-09	2.7E-08	2.2E-08
94	W_77	387805.59	3744394.86	387805.59, 3	6.61E-05	2.14E-04	2.1E-08	6.7E-08	1.6E-09	2.2E-08	1.9E-08
95	W_7(	387805.59	3744444.86	387805.59, 3	5.50E-05	1.79E-04	1.7E-08	5.6E-08	1.3E-09	1.9E-08	1.6E-08
96	W_7!	387805.59	3744494.86	387805.59, 3	5.64E-05	1.51E-04	1.8E-08	4.8E-08	1.3E-09	1.6E-08	1.4E-08
97	W_8(	387805.59	3744544.86	387805.59, 3	5.78E-05	1.29E-04	1.8E-08	4.1E-08	1.4E-09	1.3E-08	1.2E-08
98	W_81	387855.59	3744444.86	387855.59, 3	5.93E-05	1.85E-04	1.9E-08	5.8E-08	1.4E-09	1.9E-08	1.6E-08
99	W_8:	387855.59	3744494.86	387855.59, 3	6.10E-05	1.56E-04	1.9E-08	4.9E-08	1.4E-09	1.6E-08	1.4E-08
100	W_8:	387855.59	3744544.86	387855.59, 3	6.27E-05	1.32E-04	2.0E-08	4.2E-08	1.5E-09	1.4E-08	1.2E-08
101	W_8-	387855.59	3744594.86	387855.59, 3	6.45E-05	1.14E-04	2.0E-08	3.6E-08	1.5E-09	1.2E-08	1.1E-08
102	W_8!	387905.59	3744544.86	387905.59, 3	6.63E-05	1.33E-04	2.1E-08	4.2E-08	1.6E-09	1.4E-08	1.2E-08
103	W_8(	387905.59	3744594.86	387905.59, 3	5.48E-05	1.15E-04	1.7E-08	3.6E-08	1.3E-09	1.2E-08	1.1E-08
104	W_87	387905.59	3744644.86	387905.59, 3	5.64E-05	9.94E-05	1.8E-08	3.1E-08	1.3E-09	1.0E-08	9.3E-09
105	W_8(	387905.59	3744694.86	387905.59, 3	5.79E-05	8.71E-05	1.8E-08	2.7E-08	1.4E-09	9.1E-09	8.4E-09
106	W_8!	387955.59	3744644.86	387955.59, 3	5.94E-05	9.85E-05	1.9E-08	3.1E-08	1.4E-09	1.0E-08	9.3E-09
107	S_1	387463.28	3744230.92	387463.28, 3	6.11E-05	1.37E-04	1.9E-08	4.3E-08	1.4E-09	1.4E-08	1.2E-08
108	S_2	387463.28	3744280.92	387463.28, 3	6.27E-05	1.22E-04	2.0E-08	3.9E-08	1.5E-09	1.3E-08	1.1E-08
109	S_3	387463.28	3744330.92	387463.28, 3	6.45E-05	1.10E-04	2.0E-08	3.5E-08	1.5E-09	1.1E-08	1.0E-08
110	S_4	387513.28	3744230.92	387513.28, 3	6.64E-05	1.57E-04	2.1E-08	4.9E-08	1.6E-09	1.6E-08	1.4E-08
111	S_5	387513.28	3744280.92	387513.28, 3	5.50E-05	1.40E-04	1.7E-08	4.4E-08	1.3E-09	1.5E-08	1.3E-08
112	S_6	387513.28	3744330.92	387513.28, 3	5.63E-05	1.26E-04	1.8E-08	4.0E-08	1.3E-09	1.3E-08	1.1E-08
113	S_7	387513.28	3744380.92	387513.28, 3	5.78E-05	1.13E-04	1.8E-08	3.6E-08	1.4E-09	1.2E-08	1.0E-08
114	S_8	387513.28	3744430.92	387513.28, 3	5.94E-05	1.02E-04	1.9E-08	3.2E-08	1.4E-09	1.1E-08	9.7E-09
115	S_9	387513.28	3744480.92	387513.28, 3	6.10E-05	9.26E-05	1.9E-08	2.9E-08	1.4E-09	9.6E-09	8.9E-09
116	S_10	387563.28	3744230.92	387563.28, 3	6.27E-05	1.83E-04	2.0E-08	5.8E-08	1.5E-09	1.9E-08	1.6E-08
117	S_11	387563.28	3744280.92	387563.28, 3	6.45E-05	1.63E-04	2.0E-08	5.1E-08	1.5E-09	1.7E-08	1.5E-08
118	S_12	387563.28	3744330.92	387563.28, 3	6.64E-05	1.45E-04	2.1E-08	4.6E-08	1.6E-09	1.5E-08	1.3E-08
119	S_13	387563.28	3744380.92	387563.28, 3	5.49E-05	1.30E-04	1.7E-08	4.1E-08	1.3E-09	1.4E-08	1.2E-08
120	S_14	387563.28	3744430.92	387563.28, 3	5.62E-05	1.16E-04	1.8E-08	3.7E-08	1.3E-09	1.2E-08	1.1E-08
121	S_15	387563.28	3744480.92	387563.28, 3	5.78E-05	1.04E-04	1.8E-08	3.3E-08	1.4E-09	1.1E-08	9.7E-09
122	S_16	387563.28	3744530.92	387563.28, 3	5.93E-05	9.30E-05	1.9E-08	2.9E-08	1.4E-09	9.7E-09	8.9E-09
123	S_17	387563.28	3744580.92	387563.28, 3	6.10E-05	8.34E-05	1.9E-08	2.6E-08	1.4E-09	8.7E-09	8.2E-09
124	S_18	387563.28	3744630.92	387563.28, 3	6.26E-05	7.52E-05	2.0E-08	2.4E-08	1.5E-09	7.8E-09	7.5E-09
125	S_19	387613.28	3744230.92	387613.28, 3	6.44E-05	2.19E-04	2.0E-08	6.9E-08	1.5E-09	2.3E-08	1.9E-08
126	S_20	387613.28	3744280.92	387613.28, 3	6.63E-05	1.93E-04	2.1E-08	6.1E-08	1.6E-09	2.0E-08	1.7E-08
127	S_21	387613.28	3744330.92	387613.28, 3	5.47E-05	1.70E-04	1.7E-08	5.4E-08	1.3E-09	1.8E-08	1.5E-08
128	S_22	387613.28	3744380.92	387613.28, 3	5.60E-05	1.49E-04	1.8E-08	4.7E-08	1.3E-09	1.6E-08	1.3E-08
129	S_23	387613.28	3744430.92	387613.28, 3	5.75E-05	1.32E-04	1.8E-08	4.2E-08	1.4E-09	1.4E-08	1.2E-08
130	S_24	387613.28	3744480.92	387613.28, 3	5.90E-05	1.16E-04	1.9E-08	3.7E-08	1.4E-09	1.2E-08	1.1E-08
131	S_25	387613.28	3744530.92	387613.28, 3	6.07E-05	1.03E-04	1.9E-08	3.2E-08	1.4E-09	1.1E-08	9.7E-09
132	S_26	387613.28	3744580.92	387613.28, 3	6.23E-05	9.11E-05	2.0E-08	2.9E-08	1.5E-09	9.5E-09	8.8E-09
133	S_27	387613.28	3744630.92	387613.28, 3	6.42E-05	8.13E-05	2.0E-08	2.6E-08	1.5E-09	8.5E-09	8.1E-09
134	S_28	387613.28	3744680.92	387613.28, 3	6.60E-05	7.30E-05	2.1E-08	2.3E-08	1.6E-09	7.6E-09	7.4E-09
135	S_29	387663.28	3744330.92	387663.28, 3	5.45E-05	1.98E-04	1.7E-08	6.2E-08	1.3E-09	2.1E-08	1.7E-08
136	S_30	387663.28	3744380.92	387663.28, 3	5.58E-05	1.71E-04	1.8E-08	5.4E-08	1.3E-09	1.8E-08	1.5E-08
137	S_31	387663.28	3744430.92	387663.28, 3	5.72E-05	1.48E-04	1.8E-08	4.7E-08	1.3E-09	1.5E-08	1.3E-08
138	S_32	387663.28	3744480.92	387663.28, 3	5.88E-05	1.29E-04	1.9E-08	4.1E-08	1.4E-09	1.3E-08	1.2E-08
139	S_33	387663.28	3744530.92	387663.28, 3	6.03E-05	1.12E-04	1.9E-08	3.5E-08	1.4E-09	1.2E-08	1.0E-08
140	S_34	387663.28	3744580.92	387663.28, 3	6.20E-05	9.88E-05	2.0E-08	3.1E-08	1.5E-09	1.0E-08	9.4E-09
141	S_35	387663.28	3744630.92	387663.28, 3	6.39E-05	8.73E-05	2.0E-08	2.8E-08	1.5E-09	9.1E-09	8.5E-09
142	S_36	387663.28	3744680.92	387663.28, 3	6.58E-05	7.77E-05	2.1E-08	2.5E-08	1.6E-09	8.1E-09	7.8E-09
143	S_37	387713.28	3744480.92	387713.28, 3	5.42E-05	1.41E-04	1.7E-08	4.5E-08	1.3E-09	1.5E-08	1.3E-08
144	S_38	387713.28	3744530.92	387713.28, 3	5.56E-05	1.22E-04	1.8E-08	3.8E-08	1.3E-09	1.3E-08	1.1E-08
145	S_39	387713.28	3744580.92	387713.28, 3	5.71E-05	1.06E-04	1.8E-08	3.3E-08	1.3E-09	1.1E-08	9.9E-09
146	S_40	387713.28	3744630.92	387713.28, 3	5.83E-05	9.29E-05	1.8E-08	2.9E-08	1.4E-09	9.7E-09	8.9E-09
147	S_41	387713.28	3744680.92	387713.28, 3	6.00E-05	8.21E-05	1.9E-08	2.6E-08	1.4E-09	8.5E-09	8.0E-09
148	S_42	387763.28	3744580.92	387763.28, 3	6.16E-05	1.12E-04	1.9E-08	3.5E-08	1.5E-09	1.2E-08	1.0E-08
149	S_43	387763.28	3744630.92	387763.28, 3	6.36E-05	9.76E-05	2.0E-08	3.1E-08	1.5E-09	1.0E-08	9.4E-09
150	S_44	387763.28	3744680.92	387763.28, 3	6.53E-05	8.57E-05	2.1E-08	2.7E-08	1.5E-09	8.9E-09	8.4E-09
151	S_45	387813.28	3744680.92	387813.28, 3	5.34E-05	8.83E-05	1.7E-08	2.8E-08	1.3E-09	9.2E-09	8.4E-09
152		387465.01	3744212.81	387465.01, 3	5.48E-05	1.43E-04	1.7E-08	4.5E-08	1.3E-09	1.5E-08	1.3E-08
153		387515.01	3744212.81	387515.01, 3	5.62E-05	1.64E-04	1.8E-08	5.2E-08	1.3E-09	1.7E-08	1.5E-08
154		387565.01	3744212.81	387565.01, 3	5.80E-05	1.93E-04	1.8E-08	6.1E-08	1.4E-09	2.0E-08	1.7E-08
155		387615.01	3744212.81	387615.01, 3	5.95E-05	2.31E-04	1.9E-08	7.3E-08	1.4E-09	2.4E-08	2.0E-08
156		387436.03	3744192.12	387436.03, 3	6.11E-05	1.39E-04	1.9E-08	4.4E-08	1.4E-09	1.5E-08	1.3E-08
157	R_1	386968.99	3743502.23	386968.99, 3	6.30E-05	6.27E-05	2.0E-08	2.0E-08	1.5E-09	6.5E-09	6.5E-09
158	R_2	386968.99	3743552.23	386968.99, 3	6.50E-05	6.45E-05	2.1E-08	2.0E-08	1.5E-09	6.7E-09	6.7E-09
159	R_3	386968.99	3743602.23	386968.99, 3	5.30E-05	6.59E-05	1.7E-08	2.1E-08	1.2E-09	6.9E-09	6.6E-09
160	R_4	386968.99	3743652.23	386968.99, 3	5.43E-05	6.70E-05	1.7E-08	2.1E-08	1.3E-09	7.0E-09	6.7E-09
161	R_5	386968.99	3743702.23	386968.99, 3	5.59E-05	6.75E-05	1.8E-08	2.1E-08	1.3E-09	7.0E-09	6.8E-09
162	R_6	386968.99	3743752.23	386968.99, 3	5.74E-05	6.77E-05	1.8E-08	2.1E-08	1.4E-09	7.0E-09	6.8E-09
163	R_7	386968.99	3743802.23	386968.99, 3	5.88E-05	6.76E-05	1.9E-08	2.1E-08	1.4E-09	7.0E-09	6.8E-09
164	R_8	386968.99	3743852.23	386968.99, 3	6.07E-05	6.76E-05	1.9E-08	2.1E-08	1.4E-09	7.0E-09	6.9E-09
165	R_9	386968.99	3743902.23	386968.99, 3	6.24E-05	6.77E-05	2.0E-08	2.1E-08	1.5E-09	7.0E-09	6.9E-09

166	R_10	386968.99	3743952.23	386968.99,	6.41E-05	6.78E-05	2.0E-08	2.1E-08	1.5E-09	7.1E-09	7.0E-09
167	R_11	386968.99	3744002.23	386968.99,	5.25E-05	6.74E-05	1.7E-08	2.1E-08	1.2E-09	7.0E-09	6.7E-09
168	R_12	386968.99	3744052.23	386968.99,	5.39E-05	6.65E-05	1.7E-08	2.1E-08	1.3E-09	6.9E-09	6.6E-09
169	R_13	386968.99	3744102.23	386968.99,	5.52E-05	6.48E-05	1.7E-08	2.0E-08	1.3E-09	6.7E-09	6.5E-09
170	R_14	386968.99	3744152.23	386968.99,	5.67E-05	6.24E-05	1.8E-08	2.0E-08	1.3E-09	6.5E-09	6.4E-09
171	R_15	387018.99	3743502.23	387018.99,	5.83E-05	6.89E-05	1.8E-08	2.2E-08	1.4E-09	7.2E-09	6.9E-09
172	R_16	387018.99	3743552.23	387018.99,	6.00E-05	7.07E-05	1.9E-08	2.2E-08	1.4E-09	7.4E-09	7.1E-09
173	R_17	387018.99	3743602.23	387018.99,	6.17E-05	7.22E-05	1.9E-08	2.3E-08	1.5E-09	7.5E-09	7.3E-09
174	R_18	387018.99	3743652.23	387018.99,	6.35E-05	7.34E-05	2.0E-08	2.3E-08	1.5E-09	7.6E-09	7.4E-09
175	R_19	387018.99	3743702.23	387018.99,	5.19E-05	7.41E-05	1.6E-08	2.3E-08	1.2E-09	7.7E-09	7.2E-09
176	R_20	387018.99	3743752.23	387018.99,	5.32E-05	7.43E-05	1.7E-08	2.3E-08	1.3E-09	7.7E-09	7.2E-09
177	R_21	387018.99	3743802.23	387018.99,	5.46E-05	7.42E-05	1.7E-08	2.3E-08	1.3E-09	7.7E-09	7.3E-09
178	R_22	387018.99	3743852.23	387018.99,	5.61E-05	7.40E-05	1.8E-08	2.3E-08	1.3E-09	7.7E-09	7.3E-09
179	R_23	387018.99	3743902.23	387018.99,	5.76E-05	7.40E-05	1.8E-08	2.3E-08	1.4E-09	7.7E-09	7.3E-09
180	R_24	387018.99	3743952.23	387018.99,	5.93E-05	7.41E-05	1.9E-08	2.3E-08	1.4E-09	7.7E-09	7.4E-09
181	R_25	387018.99	3744002.23	387018.99,	6.09E-05	7.36E-05	1.9E-08	2.3E-08	1.4E-09	7.7E-09	7.4E-09
182	R_26	387018.99	3744052.23	387018.99,	6.27E-05	7.23E-05	2.0E-08	2.3E-08	1.5E-09	7.5E-09	7.3E-09
183	R_27	387018.99	3744102.23	387018.99,	5.14E-05	7.02E-05	1.6E-08	2.2E-08	1.2E-09	7.3E-09	6.9E-09
184	R_28	387018.99	3744152.23	387018.99,	5.27E-05	6.73E-05	1.7E-08	2.1E-08	1.2E-09	7.0E-09	6.7E-09
185	R_29	387068.99	3743502.23	387068.99,	5.40E-05	7.66E-05	1.7E-08	2.4E-08	1.3E-09	8.0E-09	7.4E-09
186	R_30	387068.99	3743552.23	387068.99,	5.55E-05	7.80E-05	1.8E-08	2.5E-08	1.3E-09	8.1E-09	7.6E-09
187	R_31	387068.99	3743602.23	387068.99,	5.70E-05	7.96E-05	1.8E-08	2.5E-08	1.3E-09	8.3E-09	7.8E-09
188	R_32	387068.99	3743652.23	387068.99,	5.86E-05	8.09E-05	1.8E-08	2.6E-08	1.4E-09	8.4E-09	7.9E-09
189	R_33	387068.99	3743702.23	387068.99,	6.02E-05	8.17E-05	1.9E-08	2.6E-08	1.4E-09	8.5E-09	8.0E-09
190	R_34	387068.99	3743752.23	387068.99,	6.19E-05	8.19E-05	2.0E-08	2.6E-08	1.5E-09	8.5E-09	8.1E-09
191	R_35	387068.99	3743802.23	387068.99,	5.08E-05	8.18E-05	1.6E-08	2.6E-08	1.2E-09	8.5E-09	7.8E-09
192	R_36	387068.99	3743852.23	387068.99,	5.21E-05	8.15E-05	1.6E-08	2.6E-08	1.2E-09	8.5E-09	7.8E-09
193	R_37	387068.99	3743902.23	387068.99,	5.34E-05	8.14E-05	1.7E-08	2.6E-08	1.3E-09	8.5E-09	7.8E-09
194	R_38	387068.99	3743952.23	387068.99,	5.48E-05	8.14E-05	1.7E-08	2.6E-08	1.3E-09	8.5E-09	7.9E-09
195	R_39	387068.99	3744002.23	387068.99,	5.62E-05	8.07E-05	1.8E-08	2.5E-08	1.3E-09	8.4E-09	7.8E-09
196	R_40	387068.99	3744052.23	387068.99,	5.78E-05	7.90E-05	1.8E-08	2.5E-08	1.4E-09	8.2E-09	7.7E-09
197	R_41	387068.99	3744102.23	387068.99,	5.94E-05	7.63E-05	1.9E-08	2.4E-08	1.4E-09	7.9E-09	7.5E-09
198	R_42	387068.99	3744152.23	387068.99,	6.11E-05	7.29E-05	1.9E-08	2.3E-08	1.4E-09	7.6E-09	7.3E-09
199	R_43	387118.99	3743502.23	387118.99,	5.01E-05	8.57E-05	1.6E-08	2.7E-08	1.2E-09	8.9E-09	8.1E-09
200	R_44	387118.99	3743552.23	387118.99,	5.13E-05	8.69E-05	1.6E-08	2.7E-08	1.2E-09	9.1E-09	8.2E-09
201	R_45	387118.99	3743602.23	387118.99,	5.26E-05	8.85E-05	1.7E-08	2.8E-08	1.2E-09	9.2E-09	8.4E-09
202	R_46	387118.99	3743652.23	387118.99,	5.40E-05	9.01E-05	1.7E-08	2.8E-08	1.3E-09	9.4E-09	8.5E-09
203	R_47	387118.99	3743702.23	387118.99,	5.54E-05	9.09E-05	1.7E-08	2.9E-08	1.3E-09	9.5E-09	8.6E-09
204	R_48	387118.99	3743752.23	387118.99,	5.69E-05	9.09E-05	1.8E-08	2.9E-08	1.3E-09	9.5E-09	8.7E-09
205	R_49	387118.99	3743802.23	387118.99,	5.85E-05	9.07E-05	1.8E-08	2.9E-08	1.4E-09	9.4E-09	8.7E-09
206	R_50	387118.99	3743852.23	387118.99,	6.01E-05	9.03E-05	1.9E-08	2.9E-08	1.4E-09	9.4E-09	8.7E-09
207	R_51	387118.99	3743902.23	387118.99,	4.94E-05	9.01E-05	1.6E-08	2.8E-08	1.2E-09	9.4E-09	8.4E-09
208	R_52	387118.99	3743952.23	387118.99,	5.06E-05	8.99E-05	1.6E-08	2.8E-08	1.2E-09	9.4E-09	8.4E-09
209	R_53	387118.99	3744002.23	387118.99,	5.19E-05	8.90E-05	1.6E-08	2.8E-08	1.2E-09	9.3E-09	8.4E-09
210	R_54	387118.99	3744052.23	387118.99,	5.32E-05	8.68E-05	1.7E-08	2.7E-08	1.3E-09	9.0E-09	8.2E-09
211	R_55	387118.99	3744102.23	387118.99,	5.46E-05	8.34E-05	1.7E-08	2.6E-08	1.3E-09	8.7E-09	8.0E-09
212	R_56	387118.99	3744152.23	387118.99,	5.60E-05	7.92E-05	1.8E-08	2.5E-08	1.3E-09	8.3E-09	7.7E-09
213	R_57	387168.99	3743502.23	387168.99,	5.75E-05	9.74E-05	1.8E-08	3.1E-08	1.4E-09	1.0E-08	9.2E-09
214	R_58	387168.99	3743552.23	387168.99,	5.92E-05	9.81E-05	1.9E-08	3.1E-08	1.4E-09	1.0E-08	9.3E-09
215	R_59	387168.99	3743602.23	387168.99,	4.87E-05	9.95E-05	1.5E-08	3.1E-08	1.1E-09	1.0E-08	9.2E-09
216	R_60	387168.99	3743652.23	387168.99,	4.99E-05	1.01E-04	1.6E-08	3.2E-08	1.2E-09	1.1E-08	9.3E-09
217	R_61	387168.99	3743702.23	387168.99,	5.10E-05	1.02E-04	1.6E-08	3.2E-08	1.2E-09	1.1E-08	9.4E-09
218	R_62	387168.99	3743752.23	387168.99,	5.23E-05	1.02E-04	1.7E-08	3.2E-08	1.2E-09	1.1E-08	9.4E-09
219	R_63	387168.99	3743802.23	387168.99,	5.37E-05	1.01E-04	1.7E-08	3.2E-08	1.3E-09	1.1E-08	9.4E-09
220	R_64	387168.99	3743852.23	387168.99,	5.51E-05	1.01E-04	1.7E-08	3.2E-08	1.3E-09	1.1E-08	9.4E-09
221	R_65	387168.99	3743902.23	387168.99,	5.66E-05	1.00E-04	1.8E-08	3.2E-08	1.3E-09	1.0E-08	9.4E-09
222	R_66	387168.99	3743952.23	387168.99,	5.81E-05	1.00E-04	1.8E-08	3.2E-08	1.4E-09	1.0E-08	9.4E-09
223	R_67	387168.99	3744002.23	387168.99,	4.79E-05	9.87E-05	1.5E-08	3.1E-08	1.1E-09	1.0E-08	9.1E-09
224	R_68	387168.99	3744052.23	387168.99,	4.90E-05	9.59E-05	1.5E-08	3.0E-08	1.2E-09	1.0E-08	8.9E-09
225	R_69	387168.99	3744102.23	387168.99,	5.02E-05	9.16E-05	1.6E-08	2.9E-08	1.2E-09	9.5E-09	8.6E-09
226	R_70	387168.99	3744152.23	387168.99,	5.15E-05	8.64E-05	1.6E-08	2.7E-08	1.2E-09	9.0E-09	8.2E-09
227	R_71	387218.99	3743502.23	387218.99,	5.28E-05	1.13E-04	1.7E-08	3.6E-08	1.2E-09	1.2E-08	1.0E-08
228	R_72	387218.99	3743552.23	387218.99,	5.41E-05	1.12E-04	1.7E-08	3.6E-08	1.3E-09	1.2E-08	1.0E-08
229	R_73	387218.99	3743602.23	387218.99,	5.55E-05	1.13E-04	1.8E-08	3.6E-08	1.3E-09	1.2E-08	1.0E-08
230	R_74	387218.99	3743652.23	387218.99,	5.71E-05	1.14E-04	1.8E-08	3.6E-08	1.3E-09	1.2E-08	1.1E-08
231	R_75	387218.99	3743702.23	387218.99,	4.72E-05	1.14E-04	1.5E-08	3.6E-08	1.1E-09	1.2E-08	1.0E-08
232	R_76	387218.99	3743752.23	387218.99,	4.82E-05	1.15E-04	1.5E-08	3.6E-08	1.1E-09	1.2E-08	1.0E-08
233	R_77	387218.99	3743802.23	387218.99,	4.93E-05	1.14E-04	1.6E-08	3.6E-08	1.2E-09	1.2E-08	1.0E-08
234	R_78	387218.99	3743852.23	387218.99,	5.05E-05	1.14E-04	1.6E-08	3.6E-08	1.2E-09	1.2E-08	1.0E-08
235	R_79	387218.99	3743902.23	387218.99,	5.18E-05	1.13E-04	1.6E-08	3.6E-08	1.2E-09	1.2E-08	1.0E-08
236	R_80	387218.99	3743952.23	387218.99,	5.31E-05	1.12E-04	1.7E-08	3.5E-08	1.3E-09	1.2E-08	1.0E-08
237	R_81	387218.99	3744002.23	387218.99,	5.45E-05	1.10E-04	1.7E-08	3.5E-08	1.3E-09	1.1E-08	1.0E-08
238	R_82	387218.99	3744052.23	387218.99,	5.59E-05	1.06E-04	1.8E-08	3.4E-08	1.3E-09	1.1E-08	9.9E-09
239	R_83	387218.99	3744102.23	387218.99,	4.63E-05	1.01E-04	1.5E-08	3.2E-08	1.1E-09	1.1E-08	9.2E-09
240	R_84	387218.99	3744152.23	387218.99,	4.73E-05	9.46E-05	1.5E-08	3.0E-08	1.1E-09	9.9E-09	8.7E-09
241	R_85	387268.99	3743502.23	387268.99,	4.84E-05	1.34E-04	1.5E-08	4.2E-08	1.1E-09	1.4E-08	1.2E-08
242	R_86	387268.99	3743552.23	387268.99,	4.95E-05	1.31E-04	1.6E-08	4.1E-08	1.2E-09	1.4E-08	1.2E-08
243	R_87	387268.99	3743602.23	387268.99,	5.08E-05	1.31E-04	1.6E-08	4.1E-08	1.2E-09	1.4E-08	1.2E-08
244	R_88	387268.99	3743652.23	387268.99,	5.20E-05	1.30E-04	1.6E-08	4.1E-08	1.2E-09	1.4E-08	1.2E-08
245	R_89	387268.99	3743702.23	387268.99,	5.33E-05	1.30E-04	1.7E-08	4.1E-08	1.3E-09	1.4E-08	1.2E-08
246	R_90	387268.99	3743752.23	387268.99,	5.47E-05	1.30E-04	1.7E-08	4.1E-08	1.3E-09	1.4E-08	1.2E-08
247	R_91	387268.99	3743802.23	387268.99,	4.54E-05	1.30E-04	1.4E-08	4.1E-08	1.1E-09	1.4E-08	1.2E-08
248	R_92	387268.99	3743852.23	387268.99,	4.64E-05	1.29E-04	1.5E-08	4.1E-08	1.1E-09	1.3E-08	1.1E-08
249	R_93	387268.99	3743902.23	387268.99,	4.74E-05	1.28E-04	1.5E-08	4.0E-08	1.1E-09	1.3E-08	1.1E-08
250	R_94	387268.99	3743952.23	387268.99,	4.85E-05	1.27E-04	1.5E-08	4.0E-08	1.1E-09	1.3E-08	1.1E-08
251	R_95	387268.99	3744002.23	387268.99,	4.97E-05	1.24E-04	1.6E-08	3.9E-08	1.2E-09	1.3E-08	1.1E-08
252	R_96	387268.99	3744052.23	387268.99,	5.08E-05	1.19E-04	1.6E-08	3.8E-08	1.2E-09	1.2E-08	1.1E-08

253	R_97	387268.99	3744102.23	387268.99,	5.21E-05	1.12E-04	1.6E-08	3.5E-08	1.2E-09	1.2E-08	1.0E-08
254	R_98	387268.99	3744152.23	387268.99,	5.34E-05	1.04E-04	1.7E-08	3.3E-08	1.3E-09	1.1E-08	9.7E-09
255	R_99	387318.99	3743552.23	387318.99,	4.45E-05	1.58E-04	1.4E-08	5.0E-08	1.0E-09	1.6E-08	1.4E-08
256	R_10	387318.99	3743602.23	387318.99,	4.54E-05	1.54E-04	1.4E-08	4.9E-08	1.1E-09	1.6E-08	1.3E-08
257	R_10	387318.99	3743652.23	387318.99,	4.64E-05	1.51E-04	1.5E-08	4.8E-08	1.1E-09	1.6E-08	1.3E-08
258	R_10	387318.99	3743702.23	387318.99,	4.74E-05	1.50E-04	1.5E-08	4.7E-08	1.1E-09	1.6E-08	1.3E-08
259	R_10	387318.99	3743752.23	387318.99,	4.86E-05	1.50E-04	1.5E-08	4.7E-08	1.1E-09	1.6E-08	1.3E-08
260	R_10	387318.99	3743802.23	387318.99,	4.96E-05	1.50E-04	1.6E-08	4.7E-08	1.2E-09	1.6E-08	1.3E-08
261	R_10	387318.99	3743852.23	387318.99,	5.08E-05	1.48E-04	1.6E-08	4.7E-08	1.2E-09	1.5E-08	1.3E-08
262	R_10	387318.99	3743902.23	387318.99,	5.21E-05	1.46E-04	1.6E-08	4.6E-08	1.2E-09	1.5E-08	1.3E-08
263	R_10	387318.99	3743952.23	387318.99,	4.35E-05	1.44E-04	1.4E-08	4.6E-08	1.0E-09	1.5E-08	1.3E-08
264	R_10	387318.99	3744002.23	387318.99,	4.44E-05	1.41E-04	1.4E-08	4.4E-08	1.0E-09	1.5E-08	1.2E-08
265	R_10	387318.99	3744052.23	387318.99,	4.54E-05	1.34E-04	1.4E-08	4.2E-08	1.1E-09	1.4E-08	1.2E-08
266	R_11	387318.99	3744102.23	387318.99,	4.64E-05	1.25E-04	1.5E-08	4.0E-08	1.1E-09	1.3E-08	1.1E-08
267	R_11	387318.99	3744152.23	387318.99,	4.75E-05	1.16E-04	1.5E-08	3.6E-08	1.1E-09	1.2E-08	1.0E-08
268	R_11	387368.99	3743652.23	387368.99,	4.85E-05	1.78E-04	1.5E-08	5.6E-08	1.1E-09	1.9E-08	1.5E-08
269	R_11	387368.99	3743702.23	387368.99,	4.96E-05	1.75E-04	1.6E-08	5.5E-08	1.2E-09	1.8E-08	1.5E-08
270	R_11	387368.99	3743752.23	387368.99,	5.08E-05	1.75E-04	1.6E-08	5.5E-08	1.2E-09	1.8E-08	1.5E-08
271	R_11	387368.99	3743802.23	387368.99,	4.26E-05	1.75E-04	1.3E-08	5.5E-08	1.0E-09	1.8E-08	1.5E-08
272	R_11	387368.99	3743852.23	387368.99,	4.35E-05	1.72E-04	1.4E-08	5.4E-08	1.0E-09	1.8E-08	1.5E-08
273	R_11	387368.99	3743902.23	387368.99,	4.44E-05	1.70E-04	1.4E-08	5.4E-08	1.0E-09	1.8E-08	1.5E-08
274	R_11	387368.99	3743952.23	387368.99,	4.53E-05	1.66E-04	1.4E-08	5.2E-08	1.1E-09	1.7E-08	1.4E-08
275	R_11	387368.99	3744002.23	387368.99,	4.63E-05	1.61E-04	1.5E-08	5.1E-08	1.1E-09	1.7E-08	1.4E-08
276	W_9(	387357.3	3743511.78	387357.3, 37	4.74E-05	1.92E-04	1.5E-08	6.0E-08	1.1E-09	2.0E-08	1.7E-08
277	W_91	387407.3	3743561.78	387407.3, 37	4.84E-05	2.47E-04	1.5E-08	7.8E-08	1.1E-09	2.6E-08	2.1E-08
278	W_92	387407.3	3743611.78	387407.3, 37	4.96E-05	2.19E-04	1.6E-08	6.9E-08	1.2E-09	2.3E-08	1.9E-08
279	W_93	387453.88	3743868.51	387453.88,	4.17E-05	2.30E-04	1.3E-08	7.3E-08	9.8E-10	2.4E-08	1.9E-08
280	W_94	387453.88	3743918.51	387453.88,	4.26E-05	2.22E-04	1.3E-08	7.0E-08	1.0E-09	2.3E-08	1.9E-08
281	W_95	387453.88	3743968.51	387453.88,	4.34E-05	2.15E-04	1.4E-08	6.8E-08	1.0E-09	2.2E-08	1.8E-08
282	W_96	387453.88	3744018.51	387453.88,	4.43E-05	2.03E-04	1.4E-08	6.4E-08	1.0E-09	2.1E-08	1.7E-08
283	W_97	387453.88	3744068.51	387453.88,	4.53E-05	1.88E-04	1.4E-08	5.9E-08	1.1E-09	2.0E-08	1.6E-08
284	W_98	387503.88	3743968.51	387503.88,	4.63E-05	2.56E-04	1.5E-08	8.1E-08	1.1E-09	2.7E-08	2.2E-08
285	W_99	387503.88	3744018.51	387503.88,	4.73E-05	2.40E-04	1.5E-08	7.6E-08	1.1E-09	2.5E-08	2.0E-08
286	W_1(	387503.88	3744068.51	387503.88,	4.85E-05	2.20E-04	1.5E-08	6.9E-08	1.1E-09	2.3E-08	1.9E-08
287	W_1(	387503.88	3744118.51	387503.88,	4.09E-05	1.98E-04	1.3E-08	6.2E-08	9.6E-10	2.1E-08	1.7E-08
288	W_1(	387553.88	3744068.51	387553.88,	4.17E-05	2.62E-04	1.3E-08	8.3E-08	9.8E-10	2.7E-08	2.2E-08
289	W_1(	387553.88	3744118.51	387553.88,	4.26E-05	2.34E-04	1.3E-08	7.4E-08	1.0E-09	2.4E-08	2.0E-08
290	R_12(	387015.27	3744263.55	387015.27,	4.35E-05	5.94E-05	1.4E-08	1.9E-08	1.0E-09	6.2E-09	5.8E-09
291	R_12	387015.27	3744313.55	387015.27,	4.44E-05	5.57E-05	1.4E-08	1.8E-08	1.0E-09	5.8E-09	5.5E-09
292	R_12	387015.27	3744363.55	387015.27,	4.54E-05	5.20E-05	1.4E-08	1.6E-08	1.1E-09	5.4E-09	5.3E-09
293	R_12	387015.27	3744413.55	387015.27,	4.64E-05	4.81E-05	1.5E-08	1.5E-08	1.1E-09	5.0E-09	5.0E-09
294	R_12	387015.27	3744463.55	387015.27,	4.75E-05	4.45E-05	1.5E-08	1.4E-08	1.1E-09	4.6E-09	4.7E-09
295	R_12	387015.27	3744513.55	387015.27,	4.02E-05	4.12E-05	1.3E-08	1.3E-08	9.5E-10	4.3E-09	4.3E-09
296	R_12(	387015.27	3744563.55	387015.27,	4.10E-05	3.84E-05	1.3E-08	1.2E-08	9.7E-10	4.0E-09	4.1E-09
297	R_12	387015.27	3744613.55	387015.27,	4.18E-05	3.60E-05	1.3E-08	1.1E-08	9.9E-10	3.8E-09	3.9E-09
298	R_12(	387015.27	3744663.55	387015.27,	4.27E-05	3.40E-05	1.3E-08	1.1E-08	1.0E-09	3.5E-09	3.7E-09
299	R_12	387015.27	3744713.55	387015.27,	4.36E-05	3.22E-05	1.4E-08	1.0E-08	1.0E-09	3.4E-09	3.6E-09
300	R_13(	387015.27	3744763.55	387015.27,	4.46E-05	3.08E-05	1.4E-08	9.7E-09	1.1E-09	3.2E-09	3.5E-09
301	R_13	387015.27	3744813.55	387015.27,	4.56E-05	2.96E-05	1.4E-08	9.3E-09	1.1E-09	3.1E-09	3.5E-09
302	R_13	387015.27	3744863.55	387015.27,	4.67E-05	2.84E-05	1.5E-08	8.9E-09	1.1E-09	3.0E-09	3.4E-09
303	R_13	387065.27	3744263.55	387065.27,	3.95E-05	6.36E-05	1.2E-08	2.0E-08	9.3E-10	6.6E-09	6.1E-09
304	R_13	387065.27	3744313.55	387065.27,	4.03E-05	5.92E-05	1.3E-08	1.9E-08	9.5E-10	6.2E-09	5.7E-09
305	R_13	387065.27	3744363.55	387065.27,	4.11E-05	5.48E-05	1.3E-08	1.7E-08	9.7E-10	5.7E-09	5.4E-09
306	R_13	387065.27	3744413.55	387065.27,	4.20E-05	5.06E-05	1.3E-08	1.6E-08	9.9E-10	5.3E-09	5.1E-09
307	R_13	387065.27	3744463.55	387065.27,	4.29E-05	4.66E-05	1.4E-08	1.5E-08	1.0E-09	4.9E-09	4.8E-09
308	R_13	387065.27	3744513.55	387065.27,	4.38E-05	4.32E-05	1.4E-08	1.4E-08	1.0E-09	4.5E-09	4.5E-09
309	R_13	387065.27	3744563.55	387065.27,	4.48E-05	4.02E-05	1.4E-08	1.3E-08	1.1E-09	4.2E-09	4.3E-09
310	R_14(	387065.27	3744613.55	387065.27,	4.59E-05	3.78E-05	1.4E-08	1.2E-08	1.1E-09	3.9E-09	4.1E-09
311	R_14	387065.27	3744663.55	387065.27,	3.89E-05	3.58E-05	1.2E-08	1.1E-08	9.2E-10	3.7E-09	3.8E-09
312	R_14	387065.27	3744713.55	387065.27,	3.97E-05	3.40E-05	1.3E-08	1.1E-08	9.3E-10	3.5E-09	3.7E-09
313	R_14	387065.27	3744763.55	387065.27,	4.05E-05	3.24E-05	1.3E-08	1.0E-08	9.5E-10	3.4E-09	3.6E-09
314	R_14	387065.27	3744813.55	387065.27,	4.13E-05	3.11E-05	1.3E-08	9.8E-09	9.7E-10	3.2E-09	3.5E-09
315	R_14	387065.27	3744863.55	387065.27,	4.22E-05	2.97E-05	1.3E-08	9.4E-09	1.0E-09	3.1E-09	3.4E-09
316	R_14	387115.27	3744263.55	387115.27,	4.31E-05	6.80E-05	1.4E-08	2.1E-08	1.0E-09	7.1E-09	6.5E-09
317	R_14	387115.27	3744313.55	387115.27,	4.42E-05	6.30E-05	1.4E-08	2.0E-08	1.0E-09	6.6E-09	6.1E-09
318	R_14	387115.27	3744363.55	387115.27,	4.52E-05	5.80E-05	1.4E-08	1.8E-08	1.1E-09	6.0E-09	5.7E-09
319	R_14	387115.27	3744413.55	387115.27,	3.83E-05	5.34E-05	1.2E-08	1.7E-08	9.0E-10	5.6E-09	5.2E-09
320	R_15	387115.27	3744463.55	387115.27,	3.91E-05	4.91E-05	1.2E-08	1.5E-08	9.2E-10	5.1E-09	4.9E-09
321	R_15	387115.27	3744513.55	387115.27,	3.99E-05	4.55E-05	1.3E-08	1.4E-08	9.4E-10	4.7E-09	4.6E-09
322	R_15	387115.27	3744563.55	387115.27,	4.07E-05	4.24E-05	1.3E-08	1.3E-08	9.6E-10	4.4E-09	4.4E-09
323	R_15	387115.27	3744613.55	387115.27,	4.16E-05	3.99E-05	1.3E-08	1.3E-08	9.8E-10	4.2E-09	4.2E-09
324	R_15	387115.27	3744663.55	387115.27,	4.25E-05	3.78E-05	1.3E-08	1.2E-08	1.0E-09	3.9E-09	4.0E-09
325	R_15	387115.27	3744713.55	387115.27,	4.35E-05	3.60E-05	1.4E-08	1.1E-08	1.0E-09	3.7E-09	3.9E-09
326	R_15	387115.27	3744763.55	387115.27,	4.45E-05	3.42E-05	1.4E-08	1.1E-08	1.0E-09	3.6E-09	3.8E-09
327	R_15	387115.27	3744813.55	387115.27,	5.47E-05	3.27E-05	1.7E-08	1.0E-08	1.3E-09	3.4E-09	3.9E-09
328	R_15	387115.27	3744863.55	387115.27,	5.63E-05	3.11E-05	1.8E-08	9.8E-09	1.3E-09	3.2E-09	3.8E-09
329	R_15	387165.27	3744263.55	387165.27,	5.79E-05	7.31E-05	1.8E-08	2.3E-08	1.4E-09	7.6E-09	7.3E-09
330	R_16	387165.27	3744313.55	387165.27,	5.96E-05	6.73E-05	1.9E-08	2.1E-08	1.4E-09	7.0E-09	6.8E-09
331	R_16	387165.27	3744363.55	387165.27,	6.14E-05	6.16E-05	1.9E-08	1.9E-08	1.4E-09	6.4E-09	6.4E-09
332	R_16	387165.27	3744413.55	387165.27,	6.33E-05	5.65E-05	2.0E-08	1.8E-08	1.5E-09	5.9E-09	6.0E-09
333	R_16	387165.27	3744463.55	387165.27,	6.53E-05	5.19E-05	2.1E-08	1.6E-08	1.5E-09	5.4E-09	5.7E-09
334	R_16	387165.27	3744513.55	387165.27,	6.75E-05	4.81E-05	2.1E-08	1.5E-08	1.6E-09	5.0E-09	5.5E-09
335	R_16	387165.27	3744563.55	387165.27,	6.95E-05	4.50E-05	2.2E-08	1.4E-08	1.6E-09	4.7E-09	5.3E-09
336	R_16	387165.27	3744613.55	387165.27,	7.21E-05	4.23E-05	2.3E-08	1.3E-08	1.7E-09	4.4E-09	5.1E-09
337	R_16	387165.27	3744663.55	387165.27,	7.45E-05	4.01E-05	2.4E-08	1.3E-08	1.8E-09	4.2E-09	5.0E-09
338	R_16	387165.27	3744713.55	387165.27,	7.73E-05	3.80E-05	2.4E-08	1.2E-08	1.8E-09	4.0E-09	4.9E-09
339	R_16	387165.27	3744763.55	387165.27,	8.03E-05	3.61E-05	2.5E-08	1.1E-08	1.9E-09	3.8E-09	4.8E-09

340	R_17(	387165.27	3744813.55	387165.27,	8.35E-05	3.44E-05	2.6E-08	1.1E-08	2.0E-09	3.6E-09	4.7E-09
341	R_17:	387165.27	3744863.55	387165.27,	8.70E-05	3.28E-05	2.7E-08	1.0E-08	2.0E-09	3.4E-09	4.7E-09
342	R_17:	387215.27	3744263.55	387215.27,	9.08E-05	7.89E-05	2.9E-08	2.5E-08	2.1E-09	8.2E-09	8.5E-09
343	R_17:	387215.27	3744313.55	387215.27,	9.50E-05	7.20E-05	3.0E-08	2.3E-08	2.2E-09	7.5E-09	8.0E-09
344	R_17-	387215.27	3744363.55	387215.27,	9.97E-05	6.57E-05	3.1E-08	2.1E-08	2.3E-09	6.8E-09	7.6E-09
345	R_17!	387215.27	3744413.55	387215.27,	1.51E-04	6.01E-05	4.8E-08	1.9E-08	3.6E-09	6.3E-09	8.4E-09
346	R_17(	387215.27	3744463.55	387215.27,	1.58E-04	5.53E-05	5.0E-08	1.7E-08	3.7E-09	5.8E-09	8.2E-09
347	R_17'	387215.27	3744513.55	387215.27,	1.67E-04	5.13E-05	5.3E-08	1.6E-08	3.9E-09	5.3E-09	8.1E-09
348	R_17!	387215.27	3744563.55	387215.27,	1.76E-04	4.81E-05	5.6E-08	1.5E-08	4.2E-09	5.0E-09	8.0E-09
349	R_17!	387215.27	3744613.55	387215.27,	1.87E-04	4.52E-05	5.9E-08	1.4E-08	4.4E-09	4.7E-09	8.0E-09
350	R_18(	387215.27	3744663.55	387215.27,	1.98E-04	4.26E-05	6.2E-08	1.3E-08	4.7E-09	4.4E-09	8.1E-09
351	R_18:	387215.27	3744713.55	387215.27,	2.08E-04	4.04E-05	6.6E-08	1.3E-08	4.9E-09	4.2E-09	8.2E-09
352	R_18:	387215.27	3744763.55	387215.27,	2.18E-04	3.83E-05	6.9E-08	1.2E-08	5.1E-09	4.0E-09	8.2E-09
353	R_18:	387215.27	3744813.55	387215.27,	2.27E-04	3.63E-05	7.2E-08	1.1E-08	5.4E-09	3.8E-09	8.3E-09
354	R_18-	387215.27	3744863.55	387215.27,	2.36E-04	3.44E-05	7.4E-08	1.1E-08	5.5E-09	3.6E-09	8.3E-09
355	R_18!	387265.27	3744263.55	387265.27,	2.43E-04	8.54E-05	7.7E-08	2.7E-08	5.7E-09	8.9E-09	1.3E-08
356	R_18(	387265.27	3744313.55	387265.27,	2.51E-04	7.76E-05	7.9E-08	2.4E-08	5.9E-09	8.1E-09	1.2E-08
357	R_18'	387265.27	3744363.55	387265.27,	2.61E-04	7.05E-05	8.2E-08	2.2E-08	6.1E-09	7.3E-09	1.2E-08
358	R_18(	387265.27	3744413.55	387265.27,	2.67E-04	6.44E-05	8.4E-08	2.0E-08	6.3E-09	6.7E-09	1.1E-08
359	R_18!	387265.27	3744463.55	387265.27,	5.37E-05	5.94E-05	1.7E-08	1.9E-08	1.3E-09	6.2E-09	6.0E-09
360	R_19(	387265.27	3744513.55	387265.27,	5.52E-05	5.51E-05	1.7E-08	1.7E-08	1.3E-09	5.7E-09	5.7E-09
361	R_19:	387265.27	3744563.55	387265.27,	5.68E-05	5.15E-05	1.8E-08	1.6E-08	1.3E-09	5.4E-09	5.5E-09
362	R_19:	387265.27	3744613.55	387265.27,	5.85E-05	4.84E-05	1.8E-08	1.5E-08	1.4E-09	5.0E-09	5.3E-09
363	R_19:	387265.27	3744663.55	387265.27,	6.01E-05	4.55E-05	1.9E-08	1.4E-08	1.4E-09	4.7E-09	5.1E-09
364	R_19-	387265.27	3744713.55	387265.27,	6.19E-05	4.29E-05	2.0E-08	1.4E-08	1.5E-09	4.5E-09	4.9E-09
365	R_19!	387265.27	3744763.55	387265.27,	6.38E-05	4.06E-05	2.0E-08	1.3E-08	1.5E-09	4.2E-09	4.8E-09
366	R_19(	387265.27	3744813.55	387265.27,	6.57E-05	3.83E-05	2.1E-08	1.2E-08	1.5E-09	4.0E-09	4.6E-09
367	R_19'	387265.27	3744863.55	387265.27,	6.77E-05	3.61E-05	2.1E-08	1.1E-08	1.6E-09	3.8E-09	4.5E-09
368	R_19(	387315.27	3744263.55	387315.27,	6.98E-05	9.31E-05	2.2E-08	2.9E-08	1.6E-09	9.7E-09	9.1E-09
369	R_19!	387315.27	3744313.55	387315.27,	7.24E-05	8.41E-05	2.3E-08	2.7E-08	1.7E-09	8.8E-09	8.5E-09
370	R_20(	387315.27	3744363.55	387315.27,	7.49E-05	7.62E-05	2.4E-08	2.4E-08	1.8E-09	7.9E-09	7.9E-09
371	R_20:	387315.27	3744413.55	387315.27,	7.77E-05	6.97E-05	2.5E-08	2.2E-08	1.8E-09	7.3E-09	7.4E-09
372	R_20:	387315.27	3744463.55	387315.27,	8.07E-05	6.42E-05	2.5E-08	2.0E-08	1.9E-09	6.7E-09	7.1E-09
373	R_20:	387315.27	3744513.55	387315.27,	8.40E-05	5.96E-05	2.7E-08	1.9E-08	2.0E-09	6.2E-09	6.8E-09
374	R_20-	387315.27	3744563.55	387315.27,	8.75E-05	5.56E-05	2.8E-08	1.8E-08	2.1E-09	5.8E-09	6.5E-09
375	R_20!	387315.27	3744613.55	387315.27,	9.14E-05	5.20E-05	2.9E-08	1.6E-08	2.2E-09	5.4E-09	6.3E-09
376	R_20(	387315.27	3744663.55	387315.27,	9.52E-05	4.87E-05	3.0E-08	1.5E-08	2.2E-09	5.1E-09	6.2E-09
377	R_20'	387315.27	3744713.55	387315.27,	1.40E-04	4.57E-05	4.4E-08	1.4E-08	3.3E-09	4.8E-09	7.0E-09
378	R_20(	387315.27	3744763.55	387315.27,	1.46E-04	4.30E-05	4.6E-08	1.4E-08	3.4E-09	4.5E-09	6.9E-09
379	R_20!	387315.27	3744813.55	387315.27,	1.54E-04	4.04E-05	4.8E-08	1.3E-08	3.6E-09	4.2E-09	6.9E-09
380	R_21(	387315.27	3744863.55	387315.27,	1.62E-04	3.81E-05	5.1E-08	1.2E-08	3.8E-09	4.0E-09	6.9E-09
381	R_21:	387365.27	3744263.55	387365.27,	1.71E-04	1.02E-04	5.4E-08	3.2E-08	4.0E-09	1.1E-08	1.2E-08
382	R_21:	387365.27	3744313.55	387365.27,	1.80E-04	9.20E-05	5.7E-08	2.9E-08	4.2E-09	9.6E-09	1.2E-08
383	R_21:	387365.27	3744363.55	387365.27,	1.89E-04	8.33E-05	6.0E-08	2.6E-08	4.4E-09	8.7E-09	1.1E-08
384	R_21-	387365.27	3744413.55	387365.27,	1.96E-04	7.61E-05	6.2E-08	2.4E-08	4.6E-09	7.9E-09	1.1E-08
385	R_21!	387365.27	3744463.55	387365.27,	2.05E-04	7.01E-05	6.5E-08	2.2E-08	4.8E-09	7.3E-09	1.0E-08
386	R_21(	387365.27	3744513.55	387365.27,	2.12E-04	6.49E-05	6.7E-08	2.0E-08	5.0E-09	6.8E-09	1.0E-08
387	R_21'	387365.27	3744563.55	387365.27,	2.18E-04	6.03E-05	6.9E-08	1.9E-08	5.1E-09	6.3E-09	1.0E-08
388	R_21(	387365.27	3744613.55	387365.27,	2.25E-04	5.62E-05	7.1E-08	1.8E-08	5.3E-09	5.9E-09	9.8E-09
389	R_21!	387365.27	3744663.55	387365.27,	2.31E-04	5.23E-05	7.3E-08	1.7E-08	5.4E-09	5.5E-09	9.7E-09
390	R_22(	387365.27	3744713.55	387365.27,	2.36E-04	4.88E-05	7.5E-08	1.5E-08	5.6E-09	5.1E-09	9.5E-09
391	R_22:	387365.27	3744763.55	387365.27,	5.26E-05	4.57E-05	1.7E-08	1.4E-08	1.2E-09	4.8E-09	4.9E-09
392	R_22:	387365.27	3744813.55	387365.27,	5.38E-05	4.28E-05	1.7E-08	1.3E-08	1.3E-09	4.5E-09	4.7E-09
393	R_22:	387365.27	3744863.55	387365.27,	5.53E-05	4.01E-05	1.7E-08	1.3E-08	1.3E-09	4.2E-09	4.5E-09
394	R_22-	387415.27	3744313.55	387415.27,	5.68E-05	1.02E-04	1.8E-08	3.2E-08	1.3E-09	1.1E-08	9.6E-09
395	R_22!	387415.27	3744363.55	387415.27,	5.85E-05	9.23E-05	1.8E-08	2.9E-08	1.4E-09	9.6E-09	8.8E-09
396	R_22(	387415.27	3744413.55	387415.27,	6.01E-05	8.42E-05	1.9E-08	2.7E-08	1.4E-09	8.8E-09	8.2E-09
397	R_22'	387415.27	3744463.55	387415.27,	6.19E-05	7.73E-05	2.0E-08	2.4E-08	1.5E-09	8.1E-09	7.7E-09
398	R_22(	387415.27	3744513.55	387415.27,	6.34E-05	7.12E-05	2.0E-08	2.2E-08	1.5E-09	7.4E-09	7.2E-09
399	R_22!	387415.27	3744563.55	387415.27,	6.52E-05	6.58E-05	2.1E-08	2.1E-08	1.5E-09	6.9E-09	6.8E-09
400	R_23(	387415.27	3744613.55	387415.27,	6.75E-05	6.08E-05	2.1E-08	1.9E-08	1.6E-09	6.3E-09	6.5E-09
401	R_23:	387415.27	3744663.55	387415.27,	6.97E-05	5.62E-05	2.2E-08	1.8E-08	1.6E-09	5.9E-09	6.2E-09
402	R_23:	387415.27	3744713.55	387415.27,	7.15E-05	5.21E-05	2.3E-08	1.6E-08	1.7E-09	5.4E-09	5.9E-09
403	R_23:	387415.27	3744763.55	387415.27,	7.40E-05	4.86E-05	2.3E-08	1.5E-08	1.7E-09	5.1E-09	5.7E-09
404	R_23-	387415.27	3744813.55	387415.27,	7.67E-05	4.52E-05	2.4E-08	1.4E-08	1.8E-09	4.7E-09	5.5E-09
405	R_23!	387415.27	3744863.55	387415.27,	7.98E-05	4.23E-05	2.5E-08	1.3E-08	1.9E-09	4.4E-09	5.3E-09
406	R_23(	387465.27	3744513.55	387465.27,	8.31E-05	7.87E-05	2.6E-08	2.5E-08	2.0E-09	8.2E-09	8.3E-09
407	R_23'	387465.27	3744563.55	387465.27,	8.68E-05	7.21E-05	2.7E-08	2.3E-08	2.0E-09	7.5E-09	7.9E-09
408	R_23(	387465.27	3744613.55	387465.27,	9.11E-05	6.60E-05	2.9E-08	2.1E-08	2.1E-09	6.9E-09	7.5E-09
409	R_23!	387465.27	3744663.55	387465.27,	1.29E-04	6.06E-05	4.1E-08	1.9E-08	3.0E-09	6.3E-09	7.9E-09
410	R_24(	387465.27	3744713.55	387465.27,	1.34E-04	5.59E-05	4.2E-08	1.8E-08	3.2E-09	5.8E-09	7.7E-09
411	R_24:	387465.27	3744763.55	387465.27,	1.40E-04	5.17E-05	4.4E-08	1.6E-08	3.3E-09	5.4E-09	7.5E-09
412	R_24:	387465.27	3744813.55	387465.27,	1.47E-04	4.78E-05	4.7E-08	1.5E-08	3.5E-09	5.0E-09	7.3E-09
413	R_24:	387465.27	3744863.55	387465.27,	1.54E-04	4.45E-05	4.9E-08	1.4E-08	3.6E-09	4.6E-09	7.2E-09
414	R_24-	387515.27	3744663.55	387515.27,	1.62E-04	6.55E-05	5.1E-08	2.1E-08	3.8E-09	6.8E-09	9.1E-09
415	R_24!	387515.27	3744713.55	387515.27,	1.70E-04	5.98E-05	5.4E-08	1.9E-08	4.0E-09	6.2E-09	8.8E-09
416	R_24(	387515.27	3744763.55	387515.27,	1.77E-04	5.49E-05	5.6E-08	1.7E-08	4.2E-09	5.7E-09	8.6E-09
417	R_24'	387515.27	3744813.55	387515.27,	1.84E-04	5.06E-05	5.8E-08	1.6E-08	4.3E-09	5.3E-09	8.4E-09
418	R_24(	387515.27	3744863.55	387515.27,	1.89E-04	4.69E-05	6.0E-08	1.5E-08	4.4E-09	4.9E-09	8.2E-09
419	R_24!	387565.27	3744813.55	387565.27,	1.94E-04	5.35E-05	6.1E-08	1.7E-08	4.6E-09	5.6E-09	8.9E-09
420	R_25(	387565.27	3744863.55	387565.27,	2.00E-04	4.93E-05	6.3E-08	1.6E-08	4.7E-09	5.1E-09	8.7E-09
421	R_25:	387524.44	3742913.36	387524.44,	2.06E-04	4.86E-05	6.5E-08	1.5E-08	4.9E-09	5.1E-09	8.8E-09
422	R_25:	387574.44	3742963.36	387574.44,	2.11E-04	5.92E-05	6.7E-08	1.9E-08	5.0E-09	6.2E-09	9.7E-09
423	R_25:	387574.44	3743013.36	387574.44,	5.15E-05	6.96E-05	1.6E-08	2.2E-08	1.2E-09	7.2E-09	6.8E-09
424	R_25-	387624.44	3742963.36	387624.44,	5.29E-05	6.31E-05	1.7E-08	2.0E-08	1.2E-09	6.6E-09	6.3E-09
425	R_25!	387624.44	3743013.36	387624.44,	5.42E-05	7.44E-05	1.7E-08	2.3E-08	1.3E-09	7.7E-09	7.3E-09
426	R_25(	387624.44	3743063.36	387624.44,	5.56E-05	9.01E-05	1.8E-08	2.8E-08	1.3E-09	9.4E-09	8.6E-09

427	R_25	387674.44	3742963.36	387674.44,	5.71E-05	6.65E-05	1.8E-08	2.1E-08	1.3E-09	6.9E-09	6.7E-09
428	R_25	387674.44	3743013.36	387674.44,	5.85E-05	7.85E-05	1.8E-08	2.5E-08	1.4E-09	8.2E-09	7.7E-09
429	R_25	387674.44	3743063.36	387674.44,	6.02E-05	9.45E-05	1.9E-08	3.0E-08	1.4E-09	9.8E-09	9.0E-09
430	R_26	387674.44	3743113.36	387674.44,	6.18E-05	1.16E-04	1.9E-08	3.6E-08	1.5E-09	1.2E-08	1.1E-08
431	R_26	387724.44	3742963.36	387724.44,	6.35E-05	6.98E-05	2.0E-08	2.2E-08	1.5E-09	7.3E-09	7.1E-09
432	R_26	387724.44	3743013.36	387724.44,	6.53E-05	8.20E-05	2.1E-08	2.6E-08	1.5E-09	8.5E-09	8.1E-09
433	R_26	387724.44	3743063.36	387724.44,	6.73E-05	9.75E-05	2.1E-08	3.1E-08	1.6E-09	1.0E-08	9.4E-09
434	R_26	387724.44	3743113.36	387724.44,	6.93E-05	1.16E-04	2.2E-08	3.7E-08	1.6E-09	1.2E-08	1.1E-08
435	R_26	387774.44	3742963.36	387774.44,	7.17E-05	7.28E-05	2.3E-08	2.3E-08	1.7E-09	7.6E-09	7.6E-09
436	R_26	387774.44	3743013.36	387774.44,	7.42E-05	8.47E-05	2.3E-08	2.7E-08	1.7E-09	8.8E-09	8.6E-09
437	R_26	387774.44	3743063.36	387774.44,	7.71E-05	9.89E-05	2.4E-08	3.1E-08	1.8E-09	1.0E-08	9.8E-09
438	R_26	387774.44	3743113.36	387774.44,	8.03E-05	1.15E-04	2.5E-08	3.6E-08	1.9E-09	1.2E-08	1.1E-08
439	R_26	387774.44	3743163.36	387774.44,	8.37E-05	1.31E-04	2.6E-08	4.1E-08	2.0E-09	1.4E-08	1.3E-08
440	R_27	387824.44	3742963.36	387824.44,	8.70E-05	7.53E-05	2.7E-08	2.4E-08	2.1E-09	7.8E-09	8.1E-09
441	R_27	387824.44	3743013.36	387824.44,	1.20E-04	8.68E-05	3.8E-08	2.7E-08	2.8E-09	9.0E-09	9.8E-09
442	R_27	387824.44	3743063.36	387824.44,	1.25E-04	9.95E-05	3.9E-08	3.1E-08	2.9E-09	1.0E-08	1.1E-08
443	R_27	387824.44	3743113.36	387824.44,	1.30E-04	1.13E-04	4.1E-08	3.6E-08	3.1E-09	1.2E-08	1.2E-08
444	R_27	387824.44	3743163.36	387824.44,	1.36E-04	1.26E-04	4.3E-08	4.0E-08	3.2E-09	1.3E-08	1.3E-08
445	R_27	387824.44	3743213.36	387824.44,	1.43E-04	1.37E-04	4.5E-08	4.3E-08	3.4E-09	1.4E-08	1.4E-08
446	R_27	387874.44	3742963.36	387874.44,	1.49E-04	7.78E-05	4.7E-08	2.5E-08	3.5E-09	8.1E-09	9.8E-09
447	R_27	387874.44	3743013.36	387874.44,	1.56E-04	8.82E-05	4.9E-08	2.8E-08	3.7E-09	9.2E-09	1.1E-08
448	R_27	387874.44	3743063.36	387874.44,	1.61E-04	9.96E-05	5.1E-08	3.1E-08	3.8E-09	1.0E-08	1.2E-08
449	R_27	387874.44	3743113.36	387874.44,	1.67E-04	1.11E-04	5.3E-08	3.5E-08	3.9E-09	1.2E-08	1.3E-08
450	R_28	387874.44	3743163.36	387874.44,	1.73E-04	1.22E-04	5.5E-08	3.8E-08	4.1E-09	1.3E-08	1.4E-08
451	R_28	387874.44	3743213.36	387874.44,	1.77E-04	1.33E-04	5.6E-08	4.2E-08	4.2E-09	1.4E-08	1.5E-08
452	R_28	387874.44	3743263.36	387874.44,	1.82E-04	1.45E-04	5.7E-08	4.6E-08	4.3E-09	1.5E-08	1.6E-08
453	R_28	387924.44	3742963.36	387924.44,	1.87E-04	8.00E-05	5.9E-08	2.5E-08	4.4E-09	8.3E-09	1.1E-08
454	R_28	387924.44	3743013.36	387924.44,	1.90E-04	8.97E-05	6.0E-08	2.8E-08	4.5E-09	9.3E-09	1.2E-08
455	R_28	387924.44	3743063.36	387924.44,	5.04E-05	9.96E-05	1.6E-08	3.1E-08	1.2E-09	1.0E-08	9.2E-09
456	R_28	387924.44	3743113.36	387924.44,	5.16E-05	1.10E-04	1.6E-08	3.5E-08	1.2E-09	1.1E-08	1.0E-08
457	R_28	387924.44	3743163.36	387924.44,	5.29E-05	1.20E-04	1.7E-08	3.8E-08	1.2E-09	1.2E-08	1.1E-08
458	R_28	387924.44	3743213.36	387924.44,	5.42E-05	1.31E-04	1.7E-08	4.1E-08	1.3E-09	1.4E-08	1.2E-08
459	R_28	387924.44	3743263.36	387924.44,	5.56E-05	1.45E-04	1.8E-08	4.6E-08	1.3E-09	1.5E-08	1.3E-08
460	R_29	387924.44	3743313.36	387924.44,	5.69E-05	1.62E-04	1.8E-08	5.1E-08	1.3E-09	1.7E-08	1.4E-08
461	R_29	387974.44	3742963.36	387974.44,	5.84E-05	8.21E-05	1.8E-08	2.6E-08	1.4E-09	8.5E-09	8.0E-09
462	R_29	387974.44	3743013.36	387974.44,	5.97E-05	9.11E-05	1.9E-08	2.9E-08	1.4E-09	9.5E-09	8.7E-09
463	R_29	387974.44	3743063.36	387974.44,	6.13E-05	1.00E-04	1.9E-08	3.2E-08	1.4E-09	1.0E-08	9.5E-09
464	R_29	387974.44	3743113.36	387974.44,	6.31E-05	1.10E-04	2.0E-08	3.5E-08	1.5E-09	1.1E-08	1.0E-08
465	R_29	387974.44	3743163.36	387974.44,	6.50E-05	1.20E-04	2.1E-08	3.8E-08	1.5E-09	1.3E-08	1.1E-08
466	R_29	387974.44	3743213.36	387974.44,	6.68E-05	1.32E-04	2.1E-08	4.2E-08	1.6E-09	1.4E-08	1.2E-08
467	R_29	387974.44	3743263.36	387974.44,	6.90E-05	1.47E-04	2.2E-08	4.6E-08	1.6E-09	1.5E-08	1.3E-08
468	R_29	387974.44	3743313.36	387974.44,	7.15E-05	1.65E-04	2.3E-08	5.2E-08	1.7E-09	1.7E-08	1.5E-08
469	R_29	387974.44	3743363.36	387974.44,	7.42E-05	1.88E-04	2.3E-08	5.9E-08	1.7E-09	2.0E-08	1.7E-08
470	R_30	388024.44	3742963.36	388024.44,	7.71E-05	8.41E-05	2.4E-08	2.7E-08	1.8E-09	8.8E-09	8.6E-09
471	R_30	388024.44	3743013.36	388024.44,	8.02E-05	9.27E-05	2.5E-08	2.9E-08	1.9E-09	9.7E-09	9.4E-09
472	R_30	388024.44	3743063.36	388024.44,	8.35E-05	1.01E-04	2.6E-08	3.2E-08	2.0E-09	1.1E-08	1.0E-08
473	R_30	388024.44	3743113.36	388024.44,	1.12E-04	1.11E-04	3.5E-08	3.5E-08	2.6E-09	1.2E-08	1.2E-08
474	R_30	388024.44	3743163.36	388024.44,	1.16E-04	1.22E-04	3.7E-08	3.8E-08	2.7E-09	1.3E-08	1.3E-08
475	R_30	388024.44	3743213.36	388024.44,	1.20E-04	1.35E-04	3.8E-08	4.3E-08	2.8E-09	1.4E-08	1.4E-08
476	R_30	388024.44	3743263.36	388024.44,	1.26E-04	1.51E-04	4.0E-08	4.8E-08	3.0E-09	1.6E-08	1.5E-08
477	R_30	388024.44	3743313.36	388024.44,	1.32E-04	1.70E-04	4.2E-08	5.4E-08	3.1E-09	1.8E-08	1.7E-08
478	R_30	388024.44	3743363.36	388024.44,	1.38E-04	1.93E-04	4.4E-08	6.1E-08	3.3E-09	2.0E-08	1.9E-08
479	R_30	388024.44	3743413.36	388024.44,	1.44E-04	2.23E-04	4.5E-08	7.0E-08	3.4E-09	2.3E-08	2.1E-08
480	R_31	388074.44	3742963.36	388074.44,	1.49E-04	8.59E-05	4.7E-08	2.7E-08	3.5E-09	8.9E-09	1.0E-08
481	R_31	388074.44	3743013.36	388074.44,	1.53E-04	9.41E-05	4.8E-08	3.0E-08	3.6E-09	9.8E-09	1.1E-08
482	R_31	388074.44	3743063.36	388074.44,	1.58E-04	1.03E-04	5.0E-08	3.2E-08	3.7E-09	1.1E-08	1.2E-08
483	R_31	388074.44	3743113.36	388074.44,	1.62E-04	1.13E-04	5.1E-08	3.6E-08	3.8E-09	1.2E-08	1.3E-08
484	R_31	388074.44	3743163.36	388074.44,	1.66E-04	1.24E-04	5.2E-08	3.9E-08	3.9E-09	1.3E-08	1.4E-08
485	R_31	388074.44	3743213.36	388074.44,	1.70E-04	1.37E-04	5.4E-08	4.3E-08	4.0E-09	1.4E-08	1.5E-08
486	R_31	388074.44	3743263.36	388074.44,	1.73E-04	1.53E-04	5.4E-08	4.8E-08	4.1E-09	1.6E-08	1.6E-08
487	R_31	388074.44	3743313.36	388074.44,	4.94E-05	1.73E-04	1.6E-08	5.5E-08	1.2E-09	1.8E-08	1.5E-08
488	R_31	388074.44	3743363.36	388074.44,	5.06E-05	1.97E-04	1.6E-08	6.2E-08	1.2E-09	2.1E-08	1.7E-08
489	R_31	388074.44	3743413.36	388074.44,	5.17E-05	2.27E-04	1.6E-08	7.2E-08	1.2E-09	2.4E-08	2.0E-08
490	R_32	388074.44	3743463.36	388074.44,	5.29E-05	2.67E-04	1.7E-08	8.4E-08	1.2E-09	2.8E-08	2.3E-08
491	R_32	388124.44	3742963.36	388124.44,	5.42E-05	8.73E-05	1.7E-08	2.8E-08	1.3E-09	9.1E-09	8.3E-09
492	R_32	388124.44	3743013.36	388124.44,	5.53E-05	9.53E-05	1.7E-08	3.0E-08	1.3E-09	9.9E-09	9.0E-09
493	R_32	388124.44	3743063.36	388124.44,	5.67E-05	1.04E-04	1.8E-08	3.3E-08	1.3E-09	1.1E-08	9.7E-09
494	R_32	388124.44	3743113.36	388124.44,	5.80E-05	1.14E-04	1.8E-08	3.6E-08	1.4E-09	1.2E-08	1.1E-08
495	R_32	388124.44	3743163.36	388124.44,	5.94E-05	1.25E-04	1.9E-08	4.0E-08	1.4E-09	1.3E-08	1.1E-08
496	R_32	388124.44	3743213.36	388124.44,	6.11E-05	1.39E-04	1.9E-08	4.4E-08	1.4E-09	1.4E-08	1.3E-08
497	R_32	388124.44	3743263.36	388124.44,	6.28E-05	1.55E-04	2.0E-08	4.9E-08	1.5E-09	1.6E-08	1.4E-08
498	R_32	388124.44	3743313.36	388124.44,	6.47E-05	1.75E-04	2.0E-08	5.5E-08	1.5E-09	1.8E-08	1.6E-08
499	R_32	388124.44	3743363.36	388124.44,	6.68E-05	1.99E-04	2.1E-08	6.3E-08	1.6E-09	2.1E-08	1.8E-08
500	R_33	388124.44	3743413.36	388124.44,	6.91E-05	2.29E-04	2.2E-08	7.2E-08	1.6E-09	2.4E-08	2.0E-08
501	R_33	388174.44	3742963.36	388174.44,	7.17E-05	8.84E-05	2.3E-08	2.8E-08	1.7E-09	9.2E-09	8.8E-09
502	R_33	388174.44	3743013.36	388174.44,	7.45E-05	9.62E-05	2.4E-08	3.0E-08	1.8E-09	1.0E-08	9.5E-09
503	R_33	388174.44	3743063.36	388174.44,	7.73E-05	1.05E-04	2.4E-08	3.3E-08	1.8E-09	1.1E-08	1.0E-08
504	R_33	388174.44	3743113.36	388174.44,	8.00E-05	1.15E-04	2.5E-08	3.6E-08	1.9E-09	1.2E-08	1.1E-08
505	R_33	388174.44	3743163.36	388174.44,	8.59E-05	1.26E-04	2.7E-08	4.0E-08	2.0E-09	1.3E-08	1.2E-08
506	R_33	388174.44	3743213.36	388174.44,	8.86E-05	1.39E-04	2.8E-08	4.4E-08	2.1E-09	1.5E-08	1.3E-08
507	R_33	388174.44	3743263.36	388174.44,	9.10E-05	1.55E-04	2.9E-08	4.9E-08	2.1E-09	1.6E-08	1.5E-08
508	R_33	388174.44	3743313.36	388174.44,	9.36E-05	1.75E-04	3.0E-08	5.5E-08	2.2E-09	1.8E-08	1.6E-08
509	R_33	388174.44	3743363.36	388174.44,	9.63E-05	1.99E-04	3.0E-08	6.3E-08	2.3E-09	2.1E-08	1.8E-08
510	R_34	388174.44	3743413.36	388174.44,	9.88E-05	2.30E-04	3.1E-08	7.2E-08	2.3E-09	2.4E-08	2.1E-08
511	R_34	388224.44	3742963.36	388224.44,	1.02E-04	8.89E-05	3.2E-08	2.8E-08	2.4E-09	9.3E-09	9.6E-09
512	R_34	388224.44	3743013.36	388224.44,	1.05E-04	9.65E-05	3.3E-08	3.0E-08	2.5E-09	1.0E-08	1.0E-08
513	R_34	388224.44	3743063.36	388224.44,	1.08E-04	1.05E-04	3.4E-08	3.3E-08	2.6E-09	1.1E-08	1.1E-08

514	R_34	388224.44	3743113.36	388224.44,	1.13E-04	1.15E-04	3.6E-08	3.6E-08	2.7E-09	1.2E-08	1.2E-08
515	R_34	388224.44	3743163.36	388224.44,	1.18E-04	1.26E-04	3.7E-08	4.0E-08	2.8E-09	1.3E-08	1.3E-08
516	R_34	388224.44	3743213.36	388224.44,	1.23E-04	1.39E-04	3.9E-08	4.4E-08	2.9E-09	1.4E-08	1.4E-08
517	R_34	388224.44	3743263.36	388224.44,	1.27E-04	1.55E-04	4.0E-08	4.9E-08	3.0E-09	1.6E-08	1.5E-08
518	R_34	388224.44	3743313.36	388224.44,	1.32E-04	1.74E-04	4.2E-08	5.5E-08	3.1E-09	1.8E-08	1.7E-08
519	R_34	388224.44	3743363.36	388224.44,	1.37E-04	1.98E-04	4.3E-08	6.2E-08	3.2E-09	2.1E-08	1.9E-08
520	R_35	388274.44	3742963.36	388274.44,	1.41E-04	8.90E-05	4.4E-08	2.8E-08	3.3E-09	9.3E-09	1.0E-08
521	R_35	388274.44	3743013.36	388274.44,	1.45E-04	9.64E-05	4.6E-08	3.0E-08	3.4E-09	1.0E-08	1.1E-08
522	W_1(	387475.71	3743311.02	387475.71,	1.49E-04	5.79E-04	4.7E-08	1.8E-07	3.5E-09	6.0E-08	5.0E-08
523	W_1(	387490.71	3743311.02	387490.71,	1.52E-04	5.74E-04	4.8E-08	1.8E-07	3.6E-09	6.0E-08	5.0E-08
524	R_35	387451.13	3743316.16	387451.13,	1.56E-04	6.52E-04	4.9E-08	2.1E-07	3.7E-09	6.8E-08	5.6E-08
525	W_1(	387379.86	3743317.08	387379.86,	1.58E-04	6.22E-04	5.0E-08	2.0E-07	3.7E-09	6.5E-08	5.4E-08
526	W_1(	387399.86	3743317.08	387399.86,	4.83E-05	6.43E-04	1.5E-08	2.0E-07	1.1E-09	6.7E-08	5.3E-08
527	W_1(	387419.86	3743317.08	387419.86,	4.93E-05	6.56E-04	1.6E-08	2.1E-07	1.2E-09	6.8E-08	5.4E-08
528	W_1(	387439.86	3743317.08	387439.86,	5.05E-05	6.65E-04	1.6E-08	2.1E-07	1.2E-09	6.9E-08	5.5E-08
529	R_35	387019.21	3742972.33	387019.21,	5.16E-05	2.99E-05	1.6E-08	9.4E-09	1.2E-09	3.1E-09	3.6E-09
530	R_35	387019.21	3743022.33	387019.21,	5.27E-05	3.22E-05	1.7E-08	1.0E-08	1.2E-09	3.4E-09	3.8E-09
531	R_35	387019.21	3743072.33	387019.21,	5.39E-05	3.48E-05	1.7E-08	1.1E-08	1.3E-09	3.6E-09	4.1E-09
532	R_35	387019.21	3743122.33	387019.21,	5.50E-05	3.81E-05	1.7E-08	1.2E-08	1.3E-09	4.0E-09	4.4E-09
533	R_35	387019.21	3743172.33	387019.21,	5.63E-05	4.18E-05	1.8E-08	1.3E-08	1.3E-09	4.4E-09	4.7E-09
534	R_35	387019.21	3743222.33	387019.21,	5.76E-05	4.59E-05	1.8E-08	1.4E-08	1.4E-09	4.8E-09	5.1E-09
535	R_35	387019.21	3743272.33	387019.21,	5.91E-05	5.05E-05	1.9E-08	1.6E-08	1.4E-09	5.3E-09	5.5E-09
536	R_36	387019.21	3743322.33	387019.21,	6.07E-05	5.55E-05	1.9E-08	1.8E-08	1.4E-09	5.8E-09	5.9E-09
537	R_36	387069.21	3742972.33	387069.21,	6.27E-05	3.17E-05	2.0E-08	1.0E-08	1.5E-09	3.3E-09	4.0E-09
538	R_36	387069.21	3743022.33	387069.21,	6.47E-05	3.41E-05	2.0E-08	1.1E-08	1.5E-09	3.5E-09	4.3E-09
539	R_36	387069.21	3743072.33	387069.21,	6.70E-05	3.71E-05	2.1E-08	1.2E-08	1.6E-09	3.9E-09	4.6E-09
540	R_36	387069.21	3743122.33	387069.21,	6.94E-05	4.08E-05	2.2E-08	1.3E-08	1.6E-09	4.2E-09	4.9E-09
541	R_36	387069.21	3743172.33	387069.21,	7.19E-05	4.52E-05	2.3E-08	1.4E-08	1.7E-09	4.7E-09	5.3E-09
542	R_36	387069.21	3743222.33	387069.21,	7.46E-05	5.05E-05	2.4E-08	1.6E-08	1.8E-09	5.3E-09	5.8E-09
543	R_36	387069.21	3743272.33	387069.21,	7.73E-05	5.62E-05	2.4E-08	1.8E-08	1.8E-09	5.9E-09	6.4E-09
544	R_36	387069.21	3743322.33	387069.21,	7.98E-05	6.26E-05	2.5E-08	2.0E-08	1.9E-09	6.5E-09	6.9E-09
545	R_36	387119.21	3742972.33	387119.21,	8.19E-05	3.34E-05	2.6E-08	1.1E-08	1.9E-09	3.5E-09	4.6E-09
546	R_37	387119.21	3743022.33	387119.21,	8.45E-05	3.63E-05	2.7E-08	1.1E-08	2.0E-09	3.8E-09	4.9E-09
547	R_37	387119.21	3743072.33	387119.21,	8.68E-05	3.97E-05	2.7E-08	1.3E-08	2.0E-09	4.1E-09	5.2E-09
548	R_37	387119.21	3743122.33	387119.21,	8.91E-05	4.39E-05	2.8E-08	1.4E-08	2.1E-09	4.6E-09	5.6E-09
549	R_37	387119.21	3743172.33	387119.21,	9.14E-05	4.92E-05	2.9E-08	1.6E-08	2.2E-09	5.1E-09	6.1E-09
550	R_37	387119.21	3743222.33	387119.21,	9.35E-05	5.59E-05	3.0E-08	1.8E-08	2.2E-09	5.8E-09	6.7E-09
551	R_37	387119.21	3743272.33	387119.21,	9.65E-05	6.36E-05	3.0E-08	2.0E-08	2.3E-09	6.6E-09	7.4E-09
552	R_37	387119.21	3743322.33	387119.21,	9.90E-05	7.25E-05	3.1E-08	2.3E-08	2.3E-09	7.6E-09	8.2E-09
553	R_37	387169.21	3742972.33	387169.21,	1.02E-04	3.54E-05	3.2E-08	1.1E-08	2.4E-09	3.7E-09	5.3E-09
554	R_37	387169.21	3743022.33	387169.21,	1.06E-04	3.86E-05	3.3E-08	1.2E-08	2.5E-09	4.0E-09	5.6E-09
555	R_37	387169.21	3743072.33	387169.21,	1.10E-04	4.25E-05	3.5E-08	1.3E-08	2.6E-09	4.4E-09	6.0E-09
556	R_38	387169.21	3743122.33	387169.21,	1.14E-04	4.76E-05	3.6E-08	1.5E-08	2.7E-09	5.0E-09	6.5E-09
557	R_38	387169.21	3743172.33	387169.21,	1.18E-04	5.41E-05	3.7E-08	1.7E-08	2.8E-09	5.6E-09	7.1E-09
558	R_38	387169.21	3743222.33	387169.21,	1.22E-04	6.28E-05	3.9E-08	2.0E-08	2.9E-09	6.5E-09	7.9E-09
559	R_38	387169.21	3743272.33	387169.21,	1.27E-04	7.43E-05	4.0E-08	2.3E-08	3.0E-09	7.7E-09	9.0E-09
560	R_38	387169.21	3743322.33	387169.21,	1.30E-04	8.82E-05	4.1E-08	2.8E-08	3.1E-09	9.2E-09	1.0E-08
561	R_38	387219.21	3742972.33	387219.21,	1.34E-04	3.75E-05	4.2E-08	1.2E-08	3.2E-09	3.9E-09	6.2E-09
562	R_38	387219.21	3743022.33	387219.21,	1.37E-04	4.11E-05	4.3E-08	1.3E-08	3.2E-09	4.3E-09	6.5E-09
563	R_38	387219.21	3743072.33	387219.21,	1.40E-04	4.58E-05	4.4E-08	1.4E-08	3.3E-09	4.8E-09	7.0E-09
564	R_38	387219.21	3743122.33	387219.21,	1.43E-04	5.18E-05	4.5E-08	1.6E-08	3.4E-09	5.4E-09	7.6E-09
565	R_38	387219.21	3743172.33	387219.21,	1.46E-04	6.00E-05	4.6E-08	1.9E-08	3.4E-09	6.2E-09	8.3E-09
566	R_39	387219.21	3743222.33	387219.21,	4.73E-05	7.19E-05	1.5E-08	2.3E-08	1.1E-09	7.5E-09	6.9E-09
567	R_39	387219.21	3743272.33	387219.21,	4.81E-05	9.03E-05	1.5E-08	2.8E-08	1.1E-09	9.4E-09	8.4E-09
568	R_39	387219.21	3743322.33	387219.21,	4.91E-05	1.18E-04	1.5E-08	3.7E-08	1.2E-09	1.2E-08	1.1E-08
569	R_39	387269.21	3742972.33	387269.21,	5.01E-05	3.97E-05	1.6E-08	1.3E-08	1.2E-09	4.1E-09	4.4E-09
570	R_39	387269.21	3743022.33	387269.21,	5.11E-05	4.40E-05	1.6E-08	1.4E-08	1.2E-09	4.6E-09	4.8E-09
571	R_39	387269.21	3743072.33	387269.21,	5.21E-05	4.95E-05	1.6E-08	1.6E-08	1.2E-09	5.2E-09	5.2E-09
572	R_39	387269.21	3743122.33	387269.21,	5.33E-05	5.67E-05	1.7E-08	1.8E-08	1.3E-09	5.9E-09	5.8E-09
573	R_39	387269.21	3743172.33	387269.21,	5.44E-05	6.72E-05	1.7E-08	2.1E-08	1.3E-09	7.0E-09	6.7E-09
574	R_39	387269.21	3743222.33	387269.21,	5.57E-05	8.39E-05	1.8E-08	2.6E-08	1.3E-09	8.7E-09	8.1E-09
575	R_39	387269.21	3743272.33	387269.21,	5.73E-05	1.16E-04	1.8E-08	3.7E-08	1.3E-09	1.2E-08	1.1E-08
576	R_40	387269.21	3743322.33	387269.21,	5.88E-05	2.04E-04	1.9E-08	6.4E-08	1.4E-09	2.1E-08	1.8E-08
577	R_40	387319.21	3742972.33	387319.21,	6.06E-05	4.24E-05	1.9E-08	1.3E-08	1.4E-09	4.4E-09	4.8E-09
578	R_40	387319.21	3743022.33	387319.21,	6.25E-05	4.74E-05	2.0E-08	1.5E-08	1.5E-09	4.9E-09	5.3E-09
579	R_40	387319.21	3743072.33	387319.21,	6.47E-05	5.40E-05	2.0E-08	1.7E-08	1.5E-09	5.6E-09	5.9E-09
580	R_40	387319.21	3743122.33	387319.21,	6.70E-05	6.31E-05	2.1E-08	2.0E-08	1.6E-09	6.6E-09	6.7E-09
581	R_40	387319.21	3743172.33	387319.21,	6.93E-05	7.69E-05	2.2E-08	2.4E-08	1.6E-09	8.0E-09	7.8E-09
582	R_40	387319.21	3743222.33	387319.21,	7.17E-05	1.02E-04	2.3E-08	3.2E-08	1.7E-09	1.1E-08	9.9E-09
583	R_40	387319.21	3743272.33	387319.21,	7.43E-05	1.63E-04	2.3E-08	5.1E-08	1.7E-09	1.7E-08	1.5E-08
584	R_40	387319.21	3743322.33	387319.21,	7.64E-05	5.36E-04	2.4E-08	1.7E-07	1.8E-09	5.6E-08	4.5E-08
585	R_40	387369.21	3742972.33	387369.21,	7.86E-05	4.52E-05	2.5E-08	1.4E-08	1.9E-09	4.7E-09	5.5E-09
586	R_41	387369.21	3743022.33	387369.21,	8.04E-05	5.12E-05	2.5E-08	1.6E-08	1.9E-09	5.3E-09	6.0E-09
587	R_41	387369.21	3743072.33	387369.21,	8.24E-05	5.91E-05	2.6E-08	1.9E-08	1.9E-09	6.2E-09	6.7E-09
588	R_41	387369.21	3743122.33	387369.21,	8.43E-05	7.06E-05	2.7E-08	2.2E-08	2.0E-09	7.4E-09	7.7E-09
589	R_41	387369.21	3743172.33	387369.21,	8.63E-05	8.93E-05	2.7E-08	2.8E-08	2.0E-09	9.3E-09	9.2E-09
590	R_41	387369.21	3743222.33	387369.21,	8.88E-05	1.27E-04	2.8E-08	4.0E-08	2.1E-09	1.3E-08	1.2E-08
591	R_41	387369.21	3743272.33	387369.21,	9.14E-05	2.32E-04	2.9E-08	7.3E-08	2.2E-09	2.4E-08	2.1E-08
592	R_41	387419.21	3742972.33	387419.21,	1.03E-04	4.85E-05	3.2E-08	1.5E-08	2.4E-09	5.1E-09	6.3E-09
593	R_41	387419.21	3743022.33	387419.21,	1.07E-04	5.55E-05	3.4E-08	1.8E-08	2.5E-09	5.8E-09	7.0E-09
594	R_41	387419.21	3743072.33	387419.21,	1.10E-04	6.50E-05	3.5E-08	2.1E-08	2.6E-09	6.8E-09	7.8E-09
595	R_41	387419.21	3743122.33	387419.21,	1.14E-04	7.94E-05	3.6E-08	2.5E-08	2.7E-09	8.3E-09	9.1E-09
596	R_42	387419.21	3743172.33	387419.21,	1.18E-04	1.04E-04	3.7E-08	3.3E-08	2.8E-09	1.1E-08	1.1E-08
597	R_42	387419.21	3743222.33	387419.21,	1.21E-04	1.55E-04	3.8E-08	4.9E-08	2.9E-09	1.6E-08	1.5E-08
598	R_42	387419.21	3743272.33	387419.21,	1.25E-04	2.83E-04	3.9E-08	8.9E-08	2.9E-09	3.0E-08	2.6E-08
599	R_42	387469.21	3743072.33	387469.21,	1.28E-04	7.18E-05	4.0E-08	2.3E-08	3.0E-09	7.5E-09	8.8E-09
600	R_42	387469.21	3743122.33	387469.21,	1.30E-04	8.95E-05	4.1E-08	2.8E-08	3.1E-09	9.3E-09	1.0E-08

601	R_42	387469.21	3743172.33	387469.21,	1.33E-04	1.20E-04	4.2E-08	3.8E-08	3.1E-09	1.3E-08	1.3E-08
602	R_42	387469.21	3743222.33	387469.21,	1.35E-04	1.79E-04	4.3E-08	5.7E-08	3.2E-09	1.9E-08	1.8E-08
603	R_42	387469.21	3743272.33	387469.21,	4.61E-05	3.07E-04	1.5E-08	9.7E-08	1.1E-09	3.2E-08	2.6E-08
604	W_11	387578.38	3743390.44	387578.38,	4.70E-05	3.88E-04	1.5E-08	1.2E-07	1.1E-09	4.0E-08	3.2E-08
605	W_11	387608.38	3743390.44	387608.38,	4.79E-05	3.04E-04	1.5E-08	9.6E-08	1.1E-09	3.2E-08	2.6E-08
606	W_11	387638.38	3743390.44	387638.38,	4.88E-05	2.62E-04	1.5E-08	8.3E-08	1.2E-09	2.7E-08	2.2E-08
607	W_11	387369.87	3743365.2	387369.87,	4.98E-05	6.06E-04	1.6E-08	1.9E-07	1.2E-09	6.3E-08	5.0E-08
608	W_11	387399.87	3743365.2	387399.87,	5.08E-05	6.24E-04	1.6E-08	2.0E-07	1.2E-09	6.5E-08	5.1E-08
609	W_11	387429.87	3743365.2	387429.87,	5.18E-05	6.41E-04	1.6E-08	2.0E-07	1.2E-09	6.7E-08	5.3E-08
610	W_11	387459.87	3743365.2	387459.87,	5.30E-05	6.68E-04	1.7E-08	2.1E-07	1.2E-09	7.0E-08	5.5E-08
611	W_11	387489.87	3743365.2	387489.87,	5.42E-05	7.65E-04	1.7E-08	2.4E-07	1.3E-09	8.0E-08	6.3E-08
612	W_11	387489.87	3743395.2	387489.87,	5.57E-05	6.73E-04	1.8E-08	2.1E-07	1.3E-09	7.0E-08	5.6E-08
613	R_42	388754.52	3743939.25	388754.52,	5.73E-05	4.03E-05	1.8E-08	1.3E-08	1.3E-09	4.2E-09	4.6E-09
614	R_42	388754.52	3743989.25	388754.52,	5.91E-05	3.44E-05	1.9E-08	1.1E-08	1.4E-09	3.6E-09	4.2E-09
615	R_43	388754.52	3744039.25	388754.52,	6.09E-05	3.23E-05	1.9E-08	1.0E-08	1.4E-09	3.4E-09	4.0E-09
616	R_43	388754.52	3744089.25	388754.52,	6.31E-05	4.09E-05	2.0E-08	1.3E-08	1.5E-09	4.3E-09	4.8E-09
617	R_43	388754.52	3744139.25	388754.52,	6.52E-05	3.91E-05	2.1E-08	1.2E-08	1.5E-09	4.1E-09	4.7E-09
618	R_43	388754.52	3744189.25	388754.52,	6.74E-05	3.76E-05	2.1E-08	1.2E-08	1.6E-09	3.9E-09	4.6E-09
619	R_43	388804.52	3743889.25	388804.52,	6.96E-05	4.15E-05	2.2E-08	1.3E-08	1.6E-09	4.3E-09	5.0E-09
620	R_43	388804.52	3743939.25	388804.52,	7.17E-05	3.50E-05	2.3E-08	1.1E-08	1.7E-09	3.6E-09	4.5E-09
621	R_43	388804.52	3743989.25	388804.52,	7.35E-05	2.98E-05	2.3E-08	9.4E-09	1.7E-09	3.1E-09	4.1E-09
622	R_43	388804.52	3744039.25	388804.52,	7.52E-05	2.63E-05	2.4E-08	8.3E-09	1.8E-09	2.7E-09	3.9E-09
623	R_43	388804.52	3744089.25	388804.52,	7.71E-05	2.58E-05	2.4E-08	8.1E-09	1.8E-09	2.7E-09	3.9E-09
624	R_43	388804.52	3744139.25	388804.52,	7.89E-05	3.57E-05	2.5E-08	1.1E-08	1.9E-09	3.7E-09	4.7E-09
625	R_44	388804.52	3744189.25	388804.52,	8.06E-05	3.44E-05	2.5E-08	1.1E-08	1.9E-09	3.6E-09	4.7E-09
626	R_44	388804.52	3744239.25	388804.52,	8.24E-05	3.33E-05	2.6E-08	1.1E-08	1.9E-09	3.5E-09	4.6E-09
627	R_44	388804.52	3744289.25	388804.52,	8.44E-05	3.23E-05	2.7E-08	1.0E-08	2.0E-09	3.4E-09	4.6E-09
628	R_44	388854.52	3743889.25	388854.52,	8.66E-05	3.70E-05	2.7E-08	1.2E-08	2.0E-09	3.9E-09	5.0E-09
629	R_44	388854.52	3743939.25	388854.52,	1.14E-04	3.14E-05	3.6E-08	9.9E-09	2.7E-09	3.3E-09	5.2E-09
630	R_44	388854.52	3743989.25	388854.52,	1.17E-04	2.69E-05	3.7E-08	8.5E-09	2.8E-09	2.8E-09	4.9E-09
631	R_44	388854.52	3744039.25	388854.52,	1.19E-04	2.38E-05	3.8E-08	7.5E-09	2.8E-09	2.5E-09	4.7E-09
632	R_44	388854.52	3744089.25	388854.52,	1.22E-04	2.20E-05	3.8E-08	6.9E-09	2.9E-09	2.3E-09	4.6E-09
633	R_44	388854.52	3744139.25	388854.52,	1.24E-04	2.53E-05	3.9E-08	8.0E-09	2.9E-09	2.6E-09	5.0E-09
634	R_44	388854.52	3744189.25	388854.52,	1.26E-04	3.15E-05	4.0E-08	1.0E-08	3.0E-09	3.3E-09	5.5E-09
635	R_45	388854.52	3744239.25	388854.52,	4.50E-05	3.06E-05	1.4E-08	9.7E-09	1.1E-09	3.2E-09	3.5E-09
636	R_45	388854.52	3744289.25	388854.52,	4.58E-05	2.97E-05	1.4E-08	9.4E-09	1.1E-09	3.1E-09	3.5E-09
637	R_45	388854.52	3744339.25	388854.52,	4.66E-05	2.89E-05	1.5E-08	9.1E-09	1.1E-09	3.0E-09	3.4E-09
638	R_45	388904.52	3743889.25	388904.52,	4.74E-05	3.33E-05	1.5E-08	1.1E-08	1.1E-09	3.5E-09	3.8E-09
639	R_45	388904.52	3743939.25	388904.52,	4.83E-05	2.85E-05	1.5E-08	9.0E-09	1.1E-09	3.0E-09	3.4E-09
640	R_45	388904.52	3743989.25	388904.52,	4.93E-05	2.45E-05	1.6E-08	7.7E-09	1.2E-09	2.6E-09	3.1E-09
641	R_45	388904.52	3744039.25	388904.52,	5.02E-05	2.17E-05	1.6E-08	6.8E-09	1.2E-09	2.3E-09	2.9E-09
642	R_45	388904.52	3744089.25	388904.52,	5.14E-05	2.00E-05	1.6E-08	6.3E-09	1.2E-09	2.1E-09	2.8E-09
643	R_45	388904.52	3744139.25	388904.52,	5.26E-05	1.91E-05	1.7E-08	6.0E-09	1.2E-09	2.0E-09	2.8E-09
644	R_45	388904.52	3744189.25	388904.52,	5.42E-05	2.04E-05	1.7E-08	6.4E-09	1.3E-09	2.1E-09	2.9E-09
645	R_46	388904.52	3744239.25	388904.52,	5.57E-05	2.22E-05	1.8E-08	7.0E-09	1.3E-09	2.3E-09	3.1E-09
646	R_46	388904.52	3744289.25	388904.52,	5.72E-05	2.53E-05	1.8E-08	8.0E-09	1.3E-09	2.6E-09	3.4E-09
647	R_46	388904.52	3744339.25	388904.52,	5.91E-05	2.69E-05	1.9E-08	8.5E-09	1.4E-09	2.8E-09	3.6E-09
648	R_46	388904.52	3744389.25	388904.52,	6.11E-05	2.61E-05	1.9E-08	8.2E-09	1.4E-09	2.7E-09	3.5E-09
649	R_46	388904.52	3744439.25	388904.52,	6.32E-05	2.55E-05	2.0E-08	8.0E-09	1.5E-09	2.7E-09	3.5E-09
650	R_46	388954.52	3743939.25	388954.52,	6.53E-05	2.60E-05	2.1E-08	8.2E-09	1.5E-09	2.7E-09	3.6E-09
651	R_46	388954.52	3743989.25	388954.52,	6.71E-05	2.23E-05	2.1E-08	7.0E-09	1.6E-09	2.3E-09	3.4E-09
652	R_46	388954.52	3744039.25	388954.52,	6.87E-05	1.97E-05	2.2E-08	6.2E-09	1.6E-09	2.1E-09	3.2E-09
653	R_46	388954.52	3744089.25	388954.52,	7.07E-05	1.81E-05	2.2E-08	5.7E-09	1.7E-09	1.9E-09	3.1E-09
654	R_46	388954.52	3744139.25	388954.52,	7.23E-05	1.71E-05	2.3E-08	5.4E-09	1.7E-09	1.8E-09	3.1E-09
655	S_46	388882.82	3743721.97	388882.82,	7.37E-05	5.33E-05	2.3E-08	1.7E-08	1.7E-09	5.6E-09	6.0E-09
656	S_47	388882.82	3743771.97	388882.82,	7.53E-05	4.70E-05	2.4E-08	1.5E-08	1.8E-09	4.9E-09	5.6E-09
657	S_48	388932.82	3743721.97	388932.82,	7.70E-05	4.68E-05	2.4E-08	1.5E-08	1.8E-09	4.9E-09	5.6E-09
658	S_49	388932.82	3743771.97	388932.82,	7.86E-05	4.19E-05	2.5E-08	1.3E-08	1.9E-09	4.4E-09	5.2E-09
659	S_50	388932.82	3743821.97	388932.82,	8.05E-05	3.73E-05	2.5E-08	1.2E-08	1.9E-09	3.9E-09	4.9E-09
660	W_11	387765.02	3743382.77	387765.02,	8.24E-05	1.98E-04	2.6E-08	6.3E-08	1.9E-09	2.1E-08	1.8E-08
661	W_12	387815.02	3743382.77	387815.02,	1.07E-04	1.91E-04	3.4E-08	6.0E-08	2.5E-09	2.0E-08	1.8E-08
662	W_12	387815.02	3743432.77	387815.02,	1.09E-04	2.19E-04	3.5E-08	6.9E-08	2.6E-09	2.3E-08	2.0E-08
663	W_12	387865.02	3743382.77	387865.02,	1.12E-04	1.89E-04	3.5E-08	6.0E-08	2.6E-09	2.0E-08	1.8E-08
664	W_12	387865.02	3743432.77	387865.02,	1.14E-04	2.16E-04	3.6E-08	6.8E-08	2.7E-09	2.3E-08	2.0E-08
665	W_12	387915.02	3743382.77	387915.02,	1.16E-04	1.92E-04	3.7E-08	6.1E-08	2.7E-09	2.0E-08	1.8E-08
666	W_12	387915.02	3743432.77	387915.02,	1.17E-04	2.20E-04	3.7E-08	6.9E-08	2.8E-09	2.3E-08	2.0E-08
667	W_12	387965.02	3743432.77	387965.02,	9.78E-05	2.27E-04	3.1E-08	7.2E-08	2.3E-09	2.4E-08	2.1E-08
668		387713.39	3743372.67	387713.39,	9.50E-05	2.08E-04	3.0E-08	6.6E-08	2.2E-09	2.2E-08	1.9E-08
669		387763.39	3743422.67	387763.39,	9.25E-05	2.21E-04	2.9E-08	7.0E-08	2.2E-09	2.3E-08	2.0E-08
670	R_47	387583.29	3743113.63	387583.29,	8.99E-05	1.07E-04	2.8E-08	3.4E-08	2.1E-09	1.1E-08	1.1E-08
671	R_47	387583.29	3743163.63	387583.29,	8.74E-05	1.40E-04	2.8E-08	4.4E-08	2.1E-09	1.5E-08	1.3E-08
672	R_47	387583.29	3743213.63	387583.29,	8.50E-05	1.89E-04	2.7E-08	6.0E-08	2.0E-09	2.0E-08	1.7E-08
673	R_47	387583.29	3743263.63	387583.29,	8.28E-05	2.63E-04	2.6E-08	8.3E-08	1.9E-09	2.7E-08	2.3E-08
674	R_47	387633.29	3743163.63	387633.29,	8.06E-05	1.43E-04	2.5E-08	4.5E-08	1.9E-09	1.5E-08	1.3E-08
675	R_47	387633.29	3743213.63	387633.29,	7.85E-05	1.82E-04	2.5E-08	5.7E-08	1.8E-09	1.9E-08	1.7E-08
676	R_47	387633.29	3743263.63	387633.29,	7.64E-05	2.26E-04	2.4E-08	7.1E-08	1.8E-09	2.4E-08	2.0E-08
677	R_47	387633.29	3743313.63	387633.29,	7.45E-05	2.55E-04	2.4E-08	8.0E-08	1.8E-09	2.7E-08	2.2E-08
678	R_47	387683.29	3743263.63	387683.29,	7.26E-05	1.93E-04	2.3E-08	6.1E-08	1.7E-09	2.0E-08	1.7E-08
679	R_47	387683.29	3743313.63	387683.29,	7.09E-05	2.08E-04	2.2E-08	6.6E-08	1.7E-09	2.2E-08	1.8E-08
680	W_12	388242.48	3743969.33	388242.48,	6.91E-05	2.92E-04	2.2E-08	9.2E-08	1.6E-09	3.0E-08	2.5E-08
681	W_12	388242.48	3744019.33	388242.48,	1.02E-04	2.36E-04	3.2E-08	7.5E-08	2.4E-09	2.5E-08	2.1E-08
682	W_12	388242.48	3744069.33	388242.48,	9.87E-05	2.08E-04	3.1E-08	6.6E-08	2.3E-09	2.2E-08	1.9E-08
683	W_13	388242.48	3744119.33	388242.48,	9.59E-05	1.87E-04	3.0E-08	5.9E-08	2.3E-09	1.9E-08	1.7E-08
684	W_13	388242.48	3744169.33	388242.48,	9.29E-05	1.69E-04	2.9E-08	5.3E-08	2.2E-09	1.8E-08	1.6E-08
685	W_13	388242.48	3744219.33	388242.48,	9.03E-05	1.54E-04	2.8E-08	4.9E-08	2.1E-09	1.6E-08	1.5E-08
686	W_13	388242.48	3744269.33	388242.48,	8.77E-05	1.41E-04	2.8E-08	4.4E-08	2.1E-09	1.5E-08	1.3E-08
687	W_13	388242.48	3744319.33	388242.48,	8.52E-05	1.28E-04	2.7E-08	4.0E-08	2.0E-09	1.3E-08	1.2E-08

688	W_1	388242.48	3744369.33	388242.48,	8.28E-05	1.17E-04	2.6E-08	3.7E-08	2.0E-09	1.2E-08	1.1E-08
689	W_1	388242.48	3744419.33	388242.48,	8.06E-05	1.06E-04	2.5E-08	3.3E-08	1.9E-09	1.1E-08	1.0E-08
690	W_1	388242.48	3744469.33	388242.48,	7.84E-05	9.63E-05	2.5E-08	3.0E-08	1.8E-09	1.0E-08	9.6E-09
691	W_1	388292.48	3743969.33	388292.48,	7.63E-05	2.16E-04	2.4E-08	6.8E-08	1.8E-09	2.3E-08	1.9E-08
692	W_1	388292.48	3744019.33	388292.48,	7.42E-05	1.80E-04	2.3E-08	5.7E-08	1.7E-09	1.9E-08	1.6E-08
693	W_1	388292.48	3744069.33	388292.48,	7.23E-05	1.61E-04	2.3E-08	5.1E-08	1.7E-09	1.7E-08	1.5E-08
694	W_1	388292.48	3744119.33	388292.48,	7.05E-05	1.48E-04	2.2E-08	4.7E-08	1.7E-09	1.5E-08	1.4E-08
695	W_1	388292.48	3744169.33	388292.48,	1.06E-04	1.36E-04	3.4E-08	4.3E-08	2.5E-09	1.4E-08	1.3E-08
696	W_1	388292.48	3744219.33	388292.48,	1.03E-04	1.26E-04	3.3E-08	4.0E-08	2.4E-09	1.3E-08	1.3E-08
697	W_1	388292.48	3744269.33	388292.48,	9.98E-05	1.17E-04	3.1E-08	3.7E-08	2.4E-09	1.2E-08	1.2E-08
698	W_1	388292.48	3744319.33	388292.48,	9.64E-05	1.08E-04	3.0E-08	3.4E-08	2.3E-09	1.1E-08	1.1E-08
699	W_1	388292.48	3744369.33	388292.48,	9.35E-05	9.94E-05	3.0E-08	3.1E-08	2.2E-09	1.0E-08	1.0E-08
700	W_1	388292.48	3744419.33	388292.48,	9.07E-05	9.15E-05	2.9E-08	2.9E-08	2.1E-09	9.5E-09	9.5E-09
701	W_1	388292.48	3744469.33	388292.48,	8.80E-05	8.40E-05	2.8E-08	2.7E-08	2.1E-09	8.8E-09	8.8E-09
702	W_1	388292.48	3744519.33	388292.48,	8.55E-05	7.72E-05	2.7E-08	2.4E-08	2.0E-09	8.0E-09	8.2E-09
703	W_1	388292.48	3744569.33	388292.48,	8.30E-05	7.09E-05	2.6E-08	2.2E-08	2.0E-09	7.4E-09	7.7E-09
704	R_48	388780.42	3742965.27	388780.42,	8.06E-05	8.90E-05	2.5E-08	2.8E-08	1.9E-09	9.3E-09	9.1E-09
705	R_48	388780.42	3743015.27	388780.42,	7.84E-05	9.62E-05	2.5E-08	3.0E-08	1.8E-09	1.0E-08	9.6E-09
706	R_48	388780.42	3743065.27	388780.42,	7.63E-05	1.04E-04	2.4E-08	3.3E-08	1.8E-09	1.1E-08	1.0E-08
707	R_48	388780.42	3743115.27	388780.42,	7.42E-05	1.12E-04	2.3E-08	3.5E-08	1.7E-09	1.2E-08	1.1E-08
708	R_48	388780.42	3743165.27	388780.42,	7.22E-05	1.21E-04	2.3E-08	3.8E-08	1.7E-09	1.3E-08	1.1E-08
709	R_48	388780.42	3743215.27	388780.42,	1.11E-04	1.30E-04	3.5E-08	4.1E-08	2.6E-09	1.4E-08	1.3E-08
710	R_48	388830.42	3742965.27	388830.42,	1.08E-04	8.88E-05	3.4E-08	2.8E-08	2.5E-09	9.2E-09	9.7E-09
711	R_48	388830.42	3743015.27	388830.42,	1.04E-04	9.57E-05	3.3E-08	3.0E-08	2.5E-09	1.0E-08	1.0E-08
712	R_48	388830.42	3743065.27	388830.42,	1.00E-04	1.03E-04	3.2E-08	3.3E-08	2.4E-09	1.1E-08	1.1E-08
713	R_48	388830.42	3743115.27	388830.42,	9.70E-05	1.11E-04	3.1E-08	3.5E-08	2.3E-09	1.2E-08	1.1E-08
714	R_49	388830.42	3743165.27	388830.42,	9.40E-05	1.19E-04	3.0E-08	3.8E-08	2.2E-09	1.2E-08	1.2E-08
715	R_49	388880.42	3742965.27	388880.42,	9.11E-05	8.86E-05	2.9E-08	2.8E-08	2.1E-09	9.2E-09	9.3E-09
716	R_49	388880.42	3743015.27	388880.42,	8.83E-05	9.51E-05	2.8E-08	3.0E-08	2.1E-09	9.9E-09	9.7E-09
717	R_49	388880.42	3743065.27	388880.42,	8.57E-05	1.02E-04	2.7E-08	3.2E-08	2.0E-09	1.1E-08	1.0E-08
718	R_49	388880.42	3743115.27	388880.42,	8.31E-05	1.09E-04	2.6E-08	3.4E-08	2.0E-09	1.1E-08	1.1E-08
719	R_49	388880.42	3743165.27	388880.42,	8.07E-05	1.15E-04	2.5E-08	3.6E-08	1.9E-09	1.2E-08	1.1E-08
720	R_49	388930.42	3742965.27	388930.42,	7.84E-05	8.81E-05	2.5E-08	2.8E-08	1.8E-09	9.2E-09	8.9E-09
721	R_49	388930.42	3743015.27	388930.42,	7.61E-05	9.43E-05	2.4E-08	3.0E-08	1.8E-09	9.8E-09	9.4E-09
722	R_49	388930.42	3743065.27	388930.42,	7.40E-05	1.00E-04	2.3E-08	3.2E-08	1.7E-09	1.0E-08	9.8E-09
723	R_49	388930.42	3743115.27	388930.42,	1.09E-04	1.06E-04	3.4E-08	3.4E-08	2.6E-09	1.1E-08	1.1E-08
724	R_50	388930.42	3743165.27	388930.42,	1.05E-04	1.11E-04	3.3E-08	3.5E-08	2.5E-09	1.2E-08	1.1E-08

Student Risk (Unmitigated)

DOSEair = (Cair*(BR/BW)*A*EF*10^{-6})

A	1	Inhalation absorption factor[1]
EF	0.49	Exposure frequency (180/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Risk = DOSEair * CPF * ASF * ED/AT * FAH

CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

						Combined		
Age	BR/BW	ASF	FAH	ED (Const)	ED (Ops)	ED (Const)	ED (Ops)	**Assume 7 years for middle school and high school (11-18)
Student	640	3	1	1.58	7.00	1.58	5.42	

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5

Construction and Operational Residential Risk Combined (Unmitigated)

Discrete Receptor ID		X	Y	X, Y	Concentration [ug/m^3] Construction Total	Operations Total	Residential Dose Construction 3rd	0<2 (C)	Operations 0<2 (O)	2<9	9<16	16<30	Risk by Age Group Construction 3rd	0<2 (C)	Operations 0<2 (O)	2<9	9<16	16<30	Total Risk
1	W_1	387507.26	3743641.71	387507.26, 3743641.71	5.06E-05	3.36E-04	1.8E-08	5.3E-08	3.5E-07	2.0E-07	1.8E-07	8.41E-08	6.9E-10	1.1E-08	3.7E-08	6.7E-08	6.1E-08	1.3E-08	1.9E-07
2	W_2	387507.26	3743691.71	387507.26, 3743691.71	5.20E-05	3.09E-04	1.8E-08	5.4E-08	3.2E-07	1.9E-07	1.7E-07	7.74E-08	7.1E-10	1.1E-08	3.4E-08	6.2E-08	5.6E-08	1.2E-08	1.8E-07
3	W_3	387507.26	3743741.71	387507.26, 3743741.71	5.10E-05	3.09E-04	1.8E-08	5.3E-08	3.2E-07	1.9E-07	1.7E-07	7.73E-08	6.9E-10	1.1E-08	3.4E-08	6.2E-08	5.6E-08	1.2E-08	1.8E-07
4	W_4	387507.26	3743791.71	387507.26, 3743791.71	5.23E-05	3.05E-04	1.8E-08	5.5E-08	3.2E-07	1.8E-07	1.7E-07	7.65E-08	7.1E-10	1.1E-08	3.3E-08	6.1E-08	5.5E-08	1.2E-08	1.7E-07
5	W_5	387507.26	3743841.71	387507.26, 3743841.71	5.37E-05	2.94E-04	1.9E-08	5.6E-08	3.1E-07	1.8E-07	1.6E-07	7.36E-08	7.3E-10	1.2E-08	3.2E-08	5.9E-08	5.3E-08	1.2E-08	1.7E-07
6	W_6	387557.26	3743641.71	387557.26, 3743641.71	5.49E-05	4.44E-04	1.9E-08	5.7E-08	4.6E-07	2.7E-07	2.4E-07	1.11E-07	7.5E-10	1.2E-08	4.9E-08	8.9E-08	8.0E-08	1.8E-08	2.5E-07
7	W_7	387557.26	3743691.71	387557.26, 3743691.71	5.15E-05	4.40E-04	1.8E-08	5.4E-08	4.6E-07	2.7E-07	2.4E-07	1.10E-07	7.0E-10	1.1E-08	4.8E-08	8.8E-08	8.0E-08	1.7E-08	2.5E-07
8	W_8	387557.26	3743741.71	387557.26, 3743741.71	5.25E-05	4.53E-04	1.8E-08	5.5E-08	4.7E-07	2.7E-07	2.5E-07	1.13E-07	7.1E-10	1.1E-08	5.0E-08	9.0E-08	8.2E-08	1.8E-08	2.5E-07
9	W_9	387557.26	3743791.71	387557.26, 3743791.71	5.42E-05	4.25E-04	1.9E-08	5.7E-08	4.4E-07	2.6E-07	2.3E-07	1.06E-07	7.4E-10	1.2E-08	4.7E-08	8.5E-08	7.7E-08	1.7E-08	2.4E-07
10	W_10	387557.26	3743841.71	387557.26, 3743841.71	5.54E-05	3.83E-04	1.9E-08	5.8E-08	4.0E-07	2.3E-07	2.1E-07	9.59E-08	7.5E-10	1.2E-08	4.2E-08	7.7E-08	6.9E-08	1.5E-08	2.2E-07
11	W_11	387557.26	3743891.71	387557.26, 3743891.71	5.67E-05	3.49E-04	2.0E-08	5.9E-08	3.6E-07	2.1E-07	1.9E-07	8.73E-08	7.7E-10	1.2E-08	3.8E-08	7.0E-08	6.3E-08	1.4E-08	2.0E-07
12	W_12	387557.26	3743941.71	387557.26, 3743941.71	5.81E-05	3.27E-04	2.0E-08	6.1E-08	3.4E-07	2.0E-07	1.8E-07	8.19E-08	7.9E-10	1.3E-08	3.6E-08	6.5E-08	5.9E-08	1.3E-08	1.9E-07
13	W_13	387557.26	3743991.71	387557.26, 3743991.71	5.95E-05	3.07E-04	2.1E-08	6.2E-08	3.2E-07	1.9E-07	1.7E-07	7.68E-08	8.1E-10	1.3E-08	3.4E-08	6.1E-08	5.6E-08	1.2E-08	1.8E-07
14	W_14	387607.26	3743841.71	387607.26, 3743841.71	6.11E-05	5.36E-04	2.1E-08	6.4E-08	5.6E-07	3.2E-07	2.9E-07	1.34E-07	8.3E-10	1.3E-08	5.9E-08	1.1E-07	9.7E-08	2.1E-08	3.0E-07
15	W_15	387607.26	3743891.71	387607.26, 3743891.71	5.17E-05	4.50E-04	1.8E-08	5.4E-08	4.7E-07	2.7E-07	2.5E-07	1.13E-07	7.0E-10	1.1E-08	4.9E-08	9.0E-08	8.1E-08	1.8E-08	2.5E-07
16	W_16	387607.26	3743941.71	387607.26, 3743941.71	5.32E-05	4.14E-04	1.8E-08	5.6E-08	4.3E-07	2.5E-07	2.3E-07	1.04E-07	7.2E-10	1.2E-08	4.5E-08	8.3E-08	7.5E-08	1.6E-08	2.3E-07
17	W_17	387607.26	3743991.71	387607.26, 3743991.71	5.46E-05	3.85E-04	1.9E-08	5.7E-08	4.0E-07	2.3E-07	2.1E-07	9.62E-08	7.4E-10	1.2E-08	4.2E-08	7.7E-08	7.0E-08	1.5E-08	2.2E-07
18	W_18	387607.26	3744041.71	387607.26, 3744041.71	5.59E-05	3.47E-04	1.9E-08	5.8E-08	3.6E-07	2.1E-07	1.9E-07	8.69E-08	7.6E-10	1.2E-08	3.8E-08	6.9E-08	6.3E-08	1.4E-08	2.0E-07
19	W_19	387607.26	3744091.71	387607.26, 3744091.71	5.72E-05	3.07E-04	2.0E-08	6.0E-08	3.2E-07	1.9E-07	1.7E-07	7.68E-08	7.8E-10	1.3E-08	3.4E-08	6.1E-08	5.6E-08	1.2E-08	1.8E-07
20	W_20	387657.26	3743841.71	387657.26, 3743841.71	5.87E-05	7.83E-04	2.0E-08	6.1E-08	8.2E-07	4.7E-07	4.3E-07	1.96E-07	8.0E-10	1.3E-08	8.6E-08	1.6E-07	1.4E-07	3.1E-08	4.3E-07
21	W_21	387657.26	3743891.71	387657.26, 3743891.71	6.02E-05	5.94E-04	2.1E-08	6.3E-08	6.2E-07	3.6E-07	3.3E-07	1.49E-07	8.2E-10	1.3E-08	6.5E-08	1.2E-07	1.1E-07	2.3E-08	3.3E-07
22	W_22	387657.26	3743941.71	387657.26, 3743941.71	6.17E-05	5.44E-04	2.1E-08	6.5E-08	5.7E-07	3.3E-07	3.0E-07	1.36E-07	8.4E-10	1.4E-08	6.0E-08	1.1E-07	9.8E-08	2.1E-08	3.0E-07
23	W_23	387657.26	3743991.71	387657.26, 3743991.71	5.22E-05	5.03E-04	1.8E-08	5.5E-08	5.3E-07	3.0E-07	2.8E-07	1.26E-07	7.1E-10	1.1E-08	5.5E-08	1.0E-07	9.1E-08	2.0E-08	2.8E-07
24	W_24	387657.26	3744041.71	387657.26, 3744041.71	5.37E-05	4.47E-04	1.9E-08	5.6E-08	4.7E-07	2.7E-07	2.5E-07	1.12E-07	7.3E-10	1.2E-08	4.9E-08	8.9E-08	8.1E-08	1.8E-08	2.5E-07
25	W_25	387657.26	3744091.71	387657.26, 3744091.71	5.50E-05	3.88E-04	1.9E-08	5.7E-08	4.1E-07	2.3E-07	2.1E-07	9.71E-08	7.5E-10	1.2E-08	4.2E-08	7.7E-08	7.0E-08	1.5E-08	2.2E-07
26	W_26	387657.26	3744141.71	387657.26, 3744141.71	5.64E-05	3.34E-04	2.0E-08	5.9E-08	3.5E-07	2.0E-07	1.8E-07	8.35E-08	7.7E-10	1.2E-08	3.7E-08	6.7E-08	6.0E-08	1.3E-08	1.9E-07
27	W_27	387707.26	3743841.71	387707.26, 3743841.71	5.78E-05	1.03E-03	2.0E-08	6.0E-08	1.1E-06	6.2E-07	5.6E-07	2.57E-07	7.9E-10	1.3E-08	1.1E-07	2.1E-07	1.9E-07	4.1E-08	5.6E-07
28	W_28	387707.26	3743891.71	387707.26, 3743891.71	5.91E-05	8.19E-04	2.0E-08	6.2E-08	8.6E-07	5.0E-07	4.5E-07	2.05E-07	8.0E-10	1.3E-08	9.0E-08	1.6E-07	1.5E-07	3.2E-08	4.5E-07
29	W_29	387707.26	3743941.71	387707.26, 3743941.71	6.07E-05	7.76E-04	2.1E-08	6.3E-08	8.1E-07	4.7E-07	4.3E-07	1.94E-07	8.3E-10	1.3E-08	8.5E-08	1.5E-07	1.4E-07	3.1E-08	4.2E-07
30	W_30	387707.26	3743991.71	387707.26, 3743991.71	6.23E-05	7.14E-04	2.2E-08	6.5E-08	7.5E-07	4.3E-07	3.9E-07	1.79E-07	8.5E-10	1.4E-08	7.8E-08	1.4E-07	1.3E-07	2.8E-08	3.9E-07
31	W_31	387707.26	3744041.71	387707.26, 3744041.71	5.27E-05	6.12E-04	1.8E-08	5.5E-08	6.4E-07	3.7E-07	3.4E-07	1.53E-07	7.2E-10	1.2E-08	6.7E-08	1.2E-07	1.1E-07	2.4E-08	3.4E-07
32	W_32	387707.26	3744091.71	387707.26, 3744091.71	5.43E-05	5.12E-04	1.9E-08	5.7E-08	5.4E-07	3.1E-07	2.8E-07	1.28E-07	7.4E-10	1.2E-08	5.6E-08	1.0E-07	9.3E-08	2.0E-08	2.8E-07
33	W_33	387707.26	3744141.71	387707.26, 3744141.71	5.55E-05	4.24E-04	1.9E-08	5.8E-08	4.4E-07	2.6E-07	2.3E-07	1.06E-07	7.6E-10	1.2E-08	4.6E-08	8.5E-08	7.7E-08	1.7E-08	2.4E-07
34	W_34	387757.26	3743841.71	387757.26, 3743841.71	5.69E-05	1.46E-03	2.0E-08	5.9E-08	1.5E-06	8.9E-07	8.0E-07	3.67E-07	7.7E-10	1.2E-08	1.6E-07	2.9E-07	2.7E-07	5.8E-08	7.9E-07
35	W_35	387757.26	3743891.71	387757.26, 3743891.71	5.83E-05	1.45E-03	2.0E-08	6.1E-08	1.5E-06	8.8E-07	7.9E-07	3.62E-07	7.9E-10	1.3E-08	1.6E-07	2.9E-07	2.6E-07	5.7E-08	7.8E-07
36	W_36	387757.26	3743941.71	387757.26, 3743941.71	5.97E-05	1.49E-03	2.1E-08	6.2E-08	1.6E-06	9.0E-07	8.2E-07	3.73E-07	8.1E-10	1.3E-08	1.6E-07	3.0E-07	2.7E-07	5.9E-08	8.0E-07
37	W_37	387757.26	3743991.71	387757.26, 3743991.71	6.13E-05	1.19E-03	2.1E-08	6.4E-08	1.2E-06	7.2E-07	6.5E-07	2.98E-07	8.3E-10	1.3E-08	1.3E-07	2.4E-07	2.2E-07	4.7E-08	6.5E-07
38	W_38	387757.26	3744041.71	387757.26, 3744041.71	6.29E-05	8.93E-04	2.2E-08	6.6E-08	9.3E-07	5.4E-07	4.9E-07	2.23E-07	8.5E-10	1.4E-08	9.8E-08	1.8E-07	1.6E-07	3.5E-08	4.9E-07
39	W_39	387757.26	3744091.71	387757.26, 3744091.71	5.33E-05	6.85E-04	1.8E-08	5.6E-08	7.2E-07	4.1E-07	3.8E-07	1.71E-07	7.2E-10	1.2E-08	7.5E-08	1.4E-07	1.2E-07	2.7E-08	3.7E-07
40	W_40	387757.26	3744141.71	387757.26, 3744141.71	5.46E-05	5.33E-04	1.9E-08	5.7E-08	5.6E-07	3.2E-07	2.9E-07	1.33E-07	7.4E-10	1.2E-08	5.8E-08	1.1E-07	9.7E-08	2.1E-08	3.0E-07
41	W_41	387862.1	3744056.02	387862.1, 3744056.02	5.59E-05	1.29E-03	1.9E-08	5.8E-08	1.3E-06	7.8E-07	7.1E-07	3.22E-07	7.6E-10	1.2E-08	1.4E-07	2.6E-07	2.3E-07	5.1E-08	6.9E-07
42	W_42	387862.1	3744106.02	387862.1, 3744106.02	5.73E-05	8.60E-04	2.0E-08	6.0E-08	9.0E-07	5.2E-07	4.7E-07	2.15E-07	7.8E-10	1.3E-08	9.4E-08	1.7E-07	1.6E-07	3.4E-08	4.7E-07
43	W_43	387912.1	3744056.02	387912.1, 3744056.02	5.88E-05	1.21E-03	2.0E-08	6.1E-08	1.3E-06	7.3E-07	6.6E-07	3.03E-07	8.0E-10	1.3E-08	1.3E-07	2.4E-07	2.2E-07	4.8E-08	6.5E-07
44	W_44	387912.1	3744106.02	387912.1, 3744106.02	6.02E-05	8.61E-04	2.1E-08	6.3E-08	9.0E-07	5.2E-07	4.7E-07	2.15E-07	8.2E-10	1.3E-08	9.4E-08	1.7E-07	1.6E-07	3.4E-08	4.7E-07
45	W_45	387962.1	3744056.02	387962.1, 3744056.02	6.18E-05	1.15E-03	2.1E-08	6.5E-08	1.2E-06	7.0E-07	6.3E-07	2.89E-07	8.4E-10	1.4E-08	1.3E-07	2.3E-07	2.1E-07	4.6E-08	6.3E-07
46	W_46	387962.1	3744106.02	387962.1, 3744106.02	6.35E-05	7.75E-04	2.2E-08	6.6E-08	8.1E-07	4.7E-07	4.3E-07	1.94E-07	8.6E-10	1.4E-08	8.5E-08	1.5E-07	1.4E-07	3.1E-08	4.3E-07
47	W_47	388012.1	3744056.02	388012.1, 3744056.02	5.38E-05	9.87E-04	1.9E-08	5.6E-08	1.0E-06	6.0E-07	5.4E-07	2.47E-07	7.3E-10	1.2E-08	1.1E-07	2.0E-07	1.8E-07	3.9E-08	5.4E-07
48	W_48	388012.1	3744106.02	388012.1, 3744106.02	5.51E-05	6.64E-04	1.9E-08	5.8E-08	6.9E-07	4.0E-07	3.6E-07	1.66E-07	7.5E-10	1.2E-08	7.3E-08	1.3E-07	1.2E-07	2.6E-08	3.6E-07
49	W_49	388062.1	3744056.02	388062.1, 3744056.02	5.63E-05	7.65E-04	1.9E-08	5.9E-08	8.0E-07	4.6E-07	4.2E-07	1.91E-07	7.7E-10	1.2E-08	8.4E-08	1.5E-07	1.4E-07	3.0E-08	4.2E-07
50	W_50	388062.1	3744106.02	388062.1, 3744106.02	5.78E-05	5.29E-04	2.0E-08	6.0E-08	5.5E-07	3.2E-07	2.9E-07	1.32E-07	7.9E-10	1.3E-08	5.8E-08	1.1E-07	9.6E-08	2.1E-08	2.9E-07
51		387863.31	3744015.45	387863.31, 3744015.45	5.92E-05	1.77E-03	2.1E-08	6.2E-08	1.8E-06	1.1E-06	9.7E-07	4.43E-07	8.1E-10	1.3E-08	1.9E-07	3.5E-07	3.2E-07	7.0E-08	9.5E-07
52		387913.31	3744015.45	387913.31, 3744015.45	6.07E-05	1.72E-03	2.1E-08	6.3E-08	1.8E-06	1.0E-06	9.4E-07	4.31E-07	8.3E-10	1.3E-08	1.9E-07	3.4E-07	3.1E-07	6.8E-08	9.3E-07
53		387963.31	3744015.45	387963.31, 3744015.45	6.23E-05	1.71E-03	2.2E-08	6.5E-08	1.8E-06	1.0E-06	9.4E-07	4.28E-07	8.5E-10	1.4E-08	1.9E-07	3.4E-07	3.1E-07	6.7E-08	9.2E-07
54		388013.31	3744015.45	388013.31, 3744015.45	6.40E-05	1.52E-03	2.2E-08	6.7E-08	1.6E-06	9.2E-07	8.3E-07	3.80E-07	8.7E-10	1.4E-08	1.7E-07	3.0E-07	2.7E-07	6.0E-08	8.2E-07
55		388063.31	3744015.45	388063.31, 3744015.45	5.40E-05	1.13E-03	1.9E-08	5.6E-08	1.2E-06	6.9E-07	6.2E-07	2.84E-07	7.3E-10	1.2E-08	1.2E-07	2.3E-07	2.1E-07	4.5E-08	6.1E-07
56		387826.23	3744056.86	387826.23, 3744056.86	5.54E-05	1.17E-03	1.9E-08	5.8E-08	1.2E-06	7.1E-07	6.4E-07	2.94E-07	7.5E-10	1.2E-08	1.3E-07	2.3E-07	2.1E-07	4.6E-08	6.3E-07
57		387826.23	3744106.86	387826.23, 3744106.86	5.67E-05	8.18E-04	2.0E-08	5.9E-08	8.5E-07	4.9E-07	4.5E-07	2.05E-07	7.7E-10	1.2E-08	9.0E-08	1.6E-07	1.5E-07	3.2E-08	4.5E-07
58		387827.44	3744016.29	387827.44, 3744016.29	5.82E-05	1.70E-03	2.0E-08	6.1E-08	1.8E-06	1.0E-06	9.3E-07	4.25E-07	7.9E-10	1.3E-08	1.9E-07	3.4E-07	3.1E-07	6.7E-08	9.1E-07
59	W_51	387689.52	3743645.82	387689.52, 3743645.82	5.97E-05	5.07E-04	2.1E-08	6.2E-08	5.3E-07	3.1E-07	2.8E-07	1.27E-07	8.1E-10	1.3E-08	5.5E-08	1.0E-07	9.2E-08	2.0E-08	2.8E-07
60	W_52	387689.52	3743695.82	387689.52, 3743695.82	6.11E-05	5.38E-04	2.1E-08	6.4E-08	5.6E-07	3.3E-07	3.0E-07	1.35E-07	8.3E-10	1.3E-08	5.9E-08	1.1E-07	9.7E-08	2.1E-08	3.0E-07
61	W_53	387689.52	3743745.82	387689.52, 3743745.82	6.28E-05	6.56E-04	2.2E-08	6.6E-08	6.9E-07	4.0E-07	3.6E-07	1.64E-07	8.5E-10	1.4E-08	7.2E-08	1.3E-07	1.2E-07	2.6E-08	3.6E-07
62	W_54	387739.52	3743645.82	387739.52, 3743645.82	6.46E-05	4.17E-04	2.2E-08	6.8E-08	4.4E-07	2.5E-07	2.3E-07	1.04E-07	8.8E-10	1.4E-08	4.6E-08	8.3E-08	7.6E-08	1.6E-08	2.4E-07
63	W_55	387739.52	3743695.82	387739.52, 3743695.82	5.44E-05	4.97E-04	1.9E-08	5.7E-08	5.2E-07	3.0E-07	2.7E-07	1.24E-07	7.4E-10	1.2E-08	5.4E-08	9.9E-08	9.0E-08	2.0E-08	2.8E-07
64	W_56	387739.52	3743745.82	387739.52, 3743745.82	5.57E-05	6.64E-04	1.9E-08	5.8E-08	6.9E-07	4.0E-07	3.6E-07	1.66E-07	7.6E-10	1.2E-08	7.3E-08	1.3E-07	1.2E-07	2.6E-08	3.6E-07
65	W_57	387789.52	3743645.82	387789.52, 3743645.82	5.71E-05	4.08E-04	2.0E-08	6.0E-08	4.3E-07	2.5E-07	2.2E-07	1.02E-07	7.8E-10	1.3E-08	4.5E-08	8.2E-08	7.4E-08	1.6E-08	2.3E-07
66	W_58	387789.52	3743695.82	387789.52, 3743695.82	5.85E-05	5.25E-04	2.0E-08	6.1E-08	5.5E-07	3.2E-07	2.9E-07	1.31E-07	8.0E-10	1.3E-08	5.7E-08	1.0E-07	9.5E-08	2.1E-08	2.9E-07
67	W_59	387789.52	3743745.82	387789.52, 3743745.82	6.00E-05	7.60E-04	2.1E-08	6.3E-08	7.9E-07	4.6E-07	4.2E-07	1.90E-07	8.2E-10	1.3E-08	8.3E-08	1.5E-07	1.4E-07	3.0E-08	4.2E-07
68	W_60	387839.52	3743645.82	387839.52, 3743645.82	6.16E-05	4.38E-04	2.1E-08	6.4E-08	4.6E-07	2.7E-07	2.4E-07	1.10E-07	8.4E-10	1.3E-08	4.8E-08	8.7E-08	7.9E-08	1.7E-08	2.5E-07
69	W_61	387839.52	3743695.82	387839.52, 3743695.82	6.32E-05	6.01E-04	2.2E-08	6.6E-08	6.3E-07	3.6E-07	3.3E-07	1.50E-07	8.6E-10	1.4E-08	6.6E-08	1.2E-07	1.1E-07	2.4E-08	3.3E-07
70	W_62	387839.52	3743745.82	387839.52, 3743745.82	6.50E-05	9.53E-04	2.2E-08	6.8E-08	1.0E-06	5.8E-07	5.2E-07	2.38E-07	8.8E-10	1.4E-08	1.0E-07	1.9E-07	1.7E-07	3.8E-08	5.2E-07
71	W_63	387889.52	3743645.82	387889.52, 3743645.82	5.45E-05	4.93E-04	1.9E-08	5.7E-08	5.2E-07	3.0E-07	2.7E-07	1.23E-07	7.4E-10	1.2E-08	5.4E-08	9.8E-08	8.9E-08	1.9E-08	2.7E-07
72	W_64	387889.52	3743695.82	387889.52, 3743695.82	5.60E-05	7.17E-04	1.9E-08	5.9E-08	7.5E-07	4.3E-07	3.9E-07	1.80E-07	7.6E-10	1.2E-08	7.9E-08	1.4E-07	1.3E-07	2.8E-08	3.9E-07
73	W_65	387889.52	3743745.82	387889.52, 3743745.82	5.74E-05	1.15E-03	2.0E-08	6.0E-08	1.2E-06	7.0E-07	6.3E-07	2.88E-07	7.8E-10	1.3E-08	1.3E-07	2.3E-07	2.1E-07	4.5E-08	6.2E-07
74	W_66	387939.52	3743695.82	387939.52, 3743695.82	5.89E-05	8.31E-04	2.0E-08	6.2E-08	8.7E-07	5.0E-07	4.6E-07	2.08E-07	8.0E-10	1.3E-08	9.1E-08	1.7E-07	1.5E-07	3.3E-08	4.5E-07
75	W_67	387939.52	3743745.82	387939.52, 3743745.82	6.04E-05	1.22E-03	2.1E-08	6.3E-08	1.3E-06	7.4E-07	6.7E-07	3.06E-07	8.2E-10	1.3E-08	1.3E-07	2.4E-07	2.2E-07	4.8E-08	6.6E-07
76	W_68	387989.52	3743745.82	387989.52, 3743745.82	6.19E-05	1.24E-03	2.1E-08	6.5E-08	1.3E-06	7.5E-07	6.8E-07	3.09E-07	8.4E-10	1.4E-08	1.4E-07	2.5E-07	2.2E-07	4.9E-08	6.7E-07
77		387692.61	3743778.61	387692.61, 3743778.61	6.36E-05	8.60E-04	2.2E-08	6.7E-08	9.0E-07	5.2E-07	4.7E-07	2.15E-07	8.7E-10	1.4E-08	9.4E-08	1.7E-07	1.6E-07	3.4E-08	4.7E-07
78		387742.61	3743778.61	387742.61, 3743778.61	6.55E-05	9.30E-04	2.3E-08	6.8E-08	9.7E-07	5.6E-07	5.1E-07	2.33E-07	8.9E-10	1.4E-08	1.0E-07	1.9E-07	1.7E-07	3.7E-08	5.1E-07
79		387792.61	3743778.61	387792.61, 3743778.61	5.45E-05	1.14E-03	1.9E-08	5.7E-08	1.2E-06	6.9E-07	6.2E-07	2.84E-07	7.4E-10	1.2E-08	1.2E-07	2.3E-07	2.1E-07	4.5E-08	6.1E-07
80		387842.61	3743778.61	387842.61, 3743778.61	5.62E-05	1.57E-03	1.9E-08	5.9E-08	1.6E-06	9.5E-07	8.6E-07	3.93E-07	7.6E-10	1.2E-08	1.7E-07	3.1E-07	2.8E-07	6.2E-08	8.4E-07
81		387892.61	3743778.61	387892.61, 3743778.61	5.76E-05	1.67E-03	2.0E-08	6.0E-08	1.7E-06	1.0E-06	9.2E-07	4.18E-07	7.8E-10	1.3E-08	1.8E-07	3.3E-07	3.0E-07	6.6E-08	9.0E-07
82		387942.61	3743778.61	387942.61, 3743778.61	5.91E-05	1.75E-03	2.0E-08	6.2E-08	1.8E-06	1.1E-06	9.6E-07	4.37E-07	8.0E-10	1.3E-08	1.9E-07	3.5E-07	3.2E-07	6.9E-08	9.4E-07
83		387992.61	3743778.61	387992.61, 3743778.61	6.06E-05	1.78E-03	2.1E-08	6.3E-08	1.9E-06	1.1E-06	9.8E-07	4.45E-07	8.2E-10	1.3E-08	1.9E-07	3.6E-07	3.2E-07	7.0E-08	9.6E-07
84		387654.54	3743692.47	387654.54, 3743692.47	6.23E-05	6.81E-04	2.2E-08	6.5E-08	7.1E-07	4.1E-07	3.7E-07	1.70E-07	8.5E-10	1.4E-08	7.5E-08	1.4E-07	1.2E-07	2.7E-08	3.7E-07
85		387654.54	3743742.47	387654.54, 3743742.47	6.40E-05	7.43E-04	2.2E-08	6.7E-08	7.8E-07	4.5E-07	4.1E-07	1.86E-07	8.7E-10	1.4E-08	8.1E-08	1.5E-07	1.3E-07	2.9E-08	4.1E-07
86	W_69	387705.59	3744244.86	387705.59, 3744244.86	6.58E-05	2.96E-04	2.3E-08	6.9E-08	3.1E-07	1.8E-07	1.6E-07	7.40E-08	8.9E-10	1.4E-08	3.2E-08	5.9E-08	5.4E-08	1.2E-08	1.7E-07
87	W_70	387705.59	3744294.86	387705.59, 3744294.86	5.47E-05	2.51E-04	1.9E-08	5.7E-08	2.6E-07	1.5E-07	1.4E-07	6.28E-08	7.4E-10	1.2E-08	2.7E-08	5.0E-08	4.5E-08	9.9E-09	1.5E-07
88	W_71	387755.59	3744244.86	387755.59, 3744244.86	5.63E-05	3.46E-04	1.9E-08	5.9E-08	3.6E-07	2.1E-07	1.9E-07	8.65E-08	7.7E-10	1.2E-08	3.8E-08	6.9E-08	6.3E-08	1.4E-08	2.0E-07
89	W_72	387755.59	3744294.86	387755.59, 3744294.86	5.78E-05	2.86E-04	2.0E-08	6.0E-08	3.0E-07	1.7E-07	1.6E-07	7.16E-08	7.9E-10	1.3E-08	3.1E-08	5.7E-08	5.2E-08	1.1E-08	1.6E-07
90	W_73	387755.59	3744344.86	387755.59, 3744344.86	5.93E-05	2.38E-04	2.1E-08	6.2E-08	2.5E-07	1.4E-07	1.3E-07	5.96E-08	8.1E-10	1.3E-08	2.6E-08	4.8E-08	4.3E-08	9.4E-09	1.4E-07
91	W_74	387755.59	3744394.86	387755.59, 3744394.86	6.09E-05	2.00E-04	2.1E-08	6.4E-08	2.1E-07	1.2E-07	1.1E-07	5.00E-08	8.3E-10	1.3E-08	2.2E-08	4.0E-08	3.6E-08	7.9E-09	1.2E-07
92	W_75	387805.59	3744294.86	387805.59, 3744294.86	6.25E-05	3.13E-04	2.2E-08	6.5E-08	3.3E-07	1.9E-07	1.7E-07	7.85E-08	8.5E-10	1.4E-08	3.4E-08	6.3E-08	5.7E-08	1.2E-08	1.8E-07
93	W_76	387805.59	3744344.86	387805.59, 3744344.86	6.43E-05	2.58E-04	2.2E-08	6.7E-08	2.7E-07	1.6E-07	1.4E-07	6.45E-08	8.7E-10	1.4E-08	2.8E-08	5.1E-08	4.7E-08	1.0E-08	1.5E-07
94	W_77	387805.59	3744394.86	387805.59, 3744394.86	6.61E-05	2.14E-04	2.3E-08	6.9E-08	2.2E-07	1.3E-07	1.2E-07	5.35E-08	9.0E-10	1.4E-08	2.3E-08	4.3E-08	3.9E-08	8.4E-09	1.3E-07
95	W_78	387805.59	3744444.86	387805.59, 3744444.86	5.50E-05	1.79E-04	1.9E-08	5.7E-08	1.9E-07	1.1E-07	9.8E-08	4.48E-08	7.5E-10	1.2E-08	2.0E-08	3.6E-08	3.2E-08	7.1E-09	1.1E-07
96	W_79	387805.59	3744494.86	387805.59, 3744494.86	5.64E-05	1.51E-04	2.0E-08	5.9E-08	1.6E-07	9.2E-08	8.3E-08	3.79E-08	7.7E-10	1.2E-08	1.7E-08	3.0E-08	2.7E-08	6.0E-09	9.3E-08
97	W_80	387805.59	3744544.86	387805.59, 3744544.86	5.78E-05	1.29E-04	2.0E-08	6.0E-08	1.4E-07	7.8E-08	7.1E-08	3.23E-08	7.9E-10	1.3E-08	1.4E-08	2.6E-08	2.3E-08	5.1E-09	8.2E-08
98	W_81	387855.59	3744444.86	387855.59, 3744444.86	5.93E-05	1.85E-04	2.1E-08	6.2E-08	1.9E-07	1.1E-07	1.0E-07	4.63E-08	8.1E-10	1.3E-08	2.0E-08	3.7E-08	3.3E-08	7.3E-09	1.1E-07
99	W_82	387855.59	3744494.86	387855.59, 3744494.86	6.10E-05	1.56E-04	2.1E-08	6.4E-08	1.6E-07	9.4E-08	8.5E-08	3.90E-08	8.3E-10	1.3E-08	1.7E-08	3.1E-08	2.8E-08	6.1E-09	9.7E-08
100	W_83	387855.59	3744544.86	387855.59, 3744544.86	6.27E-05	1.32E-04	2.2E-08	6.6E-08	1.4E-07	8.0E-08	7.3E-08	3.32E-08	8.5E-10	1.4E-08	1.5E-08	2.6E-08	2.4E-08	5.2E-09	8.5E-08
101	W_84	387855.59	3744594.86	387855.59, 3744594.86	6.45E-05	1.14E-04	2.2E-08	6.7E-08	1.2E-07	6.9E-08	6.2E-08	2.85E-08	8.8E-10	1.4E-08	1.2E-08	2.3E-08	2.1E-08	4.5E-09	7.5E-08
102	W_85	387905.59	3744544.86	387905.59, 3744544.86	6.63E-05	1.33E-04	2.3E-08	6.9E-08	1.4E-07	8.1E-08	7.3E-08	3.34E-08	9.0E-10	1.5E-08	1.5E-08	2.7E-08	2.4E-08	5.3E-09	8.6E-08
103	W_86	387905.59	3744594.86	387905.59, 3744594.86	5.48E-05	1.15E-04	1.9E-08	5.7E-08	1.2E-07	6.9E-08	6.3E-08	2.87E-08	7.4E-10	1.2E-08	1.3E-08	2.3E-08	2.1E-08	4.5E-09	7.3E-08
104	W_87	387905.59	3744644.86	387905.59, 3744644.86	5.64E-05	9.94E-05	2.0E-08	5.9E-08	1.0E-07	6.0E-08	5.5E-08	2.49E-08	7.7E-10	1.2E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	6.6E-08
105	W_88	387905.59	3744694.86	387905.59, 3744694.86	5.79E-05	8.71E-05	2.0E-08	6.0E-08	9.1E-08	5.3E-08	4.8E-08	2.18E-08	7.9E-10	1.3E-08	9.5E-09	1.7E-08	1.6E-08	3.4E-09	6.0E-08
106	W_89	387955.59	3744644.86	387955.59, 3744644.86	5.94E-05	9.85E-05	2.1E-08	6.2E-08	1.0E-07	6.0E-08	5.4E-08	2.47E-08	8.1E-10	1.3E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	6.6E-08
107	S_1	387463.28	3744230.92	387463.28, 3744230.92	6.11E-05	1.37E-04	2.1E-08	6.4E-08	1.4E-07	8.3E-08	7.5E-08	3.42E-08	8.3E-10	1.3E-08	1.5E-08	2.7E-08	2.5E-08	5.4E-09	8.7E-08
108	S_2	387463.28	3744280.92	387463.28, 3744280.92	6.27E-05	1.22E-04	2.2E-08	6.6E-08	1.3E-07	7.4E-08	6.7E-08	3.06E-08	8.5E-10	1.4E-08	1.3E-08	2.4E-08	2.2E-08	4.8E-09	7.9E-08
109	S_3	387463.28	3744330.92	387463.28, 3744330.92	6.45E-05	1.10E-04	2.2E-08	6.7E-08	1.1E-07	6.7E-08	6.0E-08	2.75E-08	8.8E-10	1.4E-08	1.2E-08	2.2E-08	2.0E-08	4.3E-09	7.3E-08
110	S_4	387513.28	3744230.92	387513.28, 3744230.92	6.64E-05	1.57E-04	2.3E-08	6.9E-08	1.6E-07	9.5E-08	8.6E-08	3.92E-08	9.0E-10	1.5E-08	1.7E-08	3.1E-08	2.8E-08	6.2E-09	9.8E-08
111	S_5	387513.28	3744280.92	387513.28, 3744280.92	5.50E-05	1.40E-04	1.9E-08	5.8E-08	1.5E-07	8.5E-08	7.7E-08	3.50E-08	7.5E-10	1.2E-08	1.5E-08	2.8E-08	2.5E-08	5.5E-09	8.7E-08

112	S_6	387513.28	3744330.92	387513.28, 3744330.92	5.63E-05	1.26E-04	1.9E-08	5.9E-08	1.3E-07	7.6E-08	6.9E-08	3.14E-08	7.7E-10	1.2E-08	1.4E-08	2.5E-08	2.3E-08	5.0E-09	8.0E-08
113	S_7	387513.28	3744380.92	387513.28, 3744380.92	5.78E-05	1.13E-04	2.0E-08	6.0E-08	1.2E-07	6.9E-08	6.2E-08	2.84E-08	7.9E-10	1.3E-08	1.2E-08	2.3E-08	2.1E-08	4.5E-09	7.3E-08
114	S_8	387513.28	3744430.92	387513.28, 3744430.92	5.94E-05	1.02E-04	2.1E-08	6.2E-08	1.1E-07	6.2E-08	5.6E-08	2.56E-08	8.1E-10	1.3E-08	1.1E-08	2.0E-08	1.9E-08	4.0E-09	6.8E-08
115	S_9	387513.28	3744480.92	387513.28, 3744480.92	6.10E-05	9.26E-05	2.1E-08	6.4E-08	9.7E-08	5.6E-08	5.1E-08	2.32E-08	8.3E-10	1.3E-08	1.0E-08	1.8E-08	1.7E-08	3.7E-09	6.3E-08
116	S_10	387563.28	3744230.92	387563.28, 3744230.92	6.27E-05	1.83E-04	2.2E-08	6.6E-08	1.9E-07	1.1E-07	1.0E-07	4.59E-08	8.5E-10	1.4E-08	2.0E-08	3.7E-08	3.3E-08	7.2E-09	1.1E-07
117	S_11	387563.28	3744280.92	387563.28, 3744280.92	6.45E-05	1.63E-04	2.2E-08	6.7E-08	1.7E-07	9.9E-08	8.9E-08	4.08E-08	8.8E-10	1.4E-08	1.8E-08	3.3E-08	2.9E-08	6.4E-09	1.0E-07
118	S_12	387563.28	3744330.92	387563.28, 3744330.92	6.64E-05	1.45E-04	2.3E-08	6.9E-08	1.5E-07	8.8E-08	8.0E-08	3.64E-08	9.0E-10	1.5E-08	1.6E-08	2.9E-08	2.6E-08	5.7E-09	9.2E-08
119	S_13	387563.28	3744380.92	387563.28, 3744380.92	5.49E-05	1.30E-04	1.9E-08	5.7E-08	1.4E-07	7.9E-08	7.1E-08	3.25E-08	7.5E-10	1.2E-08	1.4E-08	2.6E-08	2.4E-08	5.1E-09	8.2E-08
120	S_14	387563.28	3744430.92	387563.28, 3744430.92	5.62E-05	1.16E-04	1.9E-08	5.9E-08	1.2E-07	7.0E-08	6.4E-08	2.91E-08	7.6E-10	1.2E-08	1.3E-08	2.3E-08	2.1E-08	4.6E-09	7.5E-08
121	S_15	387563.28	3744480.92	387563.28, 3744480.92	5.78E-05	1.04E-04	2.0E-08	6.0E-08	1.1E-07	6.3E-08	5.7E-08	2.60E-08	7.9E-10	1.3E-08	1.1E-08	2.1E-08	1.9E-08	4.1E-09	6.8E-08
122	S_16	387563.28	3744530.92	387563.28, 3744530.92	5.93E-05	9.30E-05	2.1E-08	6.2E-08	9.7E-08	5.6E-08	5.1E-08	2.33E-08	8.1E-10	1.3E-08	1.0E-08	1.9E-08	1.7E-08	3.7E-09	6.3E-08
123	S_17	387563.28	3744580.92	387563.28, 3744580.92	6.10E-05	8.34E-05	2.1E-08	6.4E-08	8.7E-08	5.0E-08	4.6E-08	2.09E-08	8.3E-10	1.3E-08	9.1E-09	1.7E-08	1.5E-08	3.3E-09	5.8E-08
124	S_18	387563.28	3744630.92	387563.28, 3744630.92	6.26E-05	7.52E-05	2.2E-08	6.5E-08	7.9E-08	4.5E-08	4.1E-08	1.88E-08	8.5E-10	1.4E-08	8.2E-09	1.5E-08	1.4E-08	3.0E-09	5.4E-08
125	S_19	387613.28	3744230.92	387613.28, 3744230.92	6.44E-05	2.19E-04	2.2E-08	6.7E-08	2.3E-07	1.3E-07	1.2E-07	5.48E-08	8.8E-10	1.4E-08	2.4E-08	4.4E-08	4.0E-08	8.6E-09	1.3E-07
126	S_20	387613.28	3744280.92	387613.28, 3744280.92	6.63E-05	1.93E-04	2.3E-08	6.9E-08	2.0E-07	1.2E-07	1.1E-07	4.82E-08	9.0E-10	1.5E-08	2.1E-08	3.8E-08	3.5E-08	7.6E-09	1.2E-07
127	S_21	387613.28	3744330.92	387613.28, 3744330.92	5.47E-05	1.70E-04	1.9E-08	5.7E-08	1.8E-07	1.0E-07	9.3E-08	4.25E-08	7.4E-10	1.2E-08	1.9E-08	3.4E-08	3.1E-08	6.7E-09	1.0E-07
128	S_22	387613.28	3744380.92	387613.28, 3744380.92	5.60E-05	1.49E-04	1.9E-08	5.9E-08	1.6E-07	9.0E-08	8.2E-08	3.74E-08	7.6E-10	1.2E-08	1.6E-08	3.0E-08	2.7E-08	5.9E-09	9.2E-08
129	S_23	387613.28	3744430.92	387613.28, 3744430.92	5.75E-05	1.32E-04	2.0E-08	6.0E-08	1.4E-07	8.0E-08	7.2E-08	3.30E-08	7.8E-10	1.3E-08	1.4E-08	2.6E-08	2.4E-08	5.2E-09	8.3E-08
130	S_24	387613.28	3744480.92	387613.28, 3744480.92	5.90E-05	1.16E-04	2.0E-08	6.2E-08	1.2E-07	7.0E-08	6.4E-08	2.91E-08	8.0E-10	1.3E-08	1.3E-08	2.3E-08	2.1E-08	4.6E-09	7.5E-08
131	S_25	387613.28	3744530.92	387613.28, 3744530.92	6.07E-05	1.03E-04	2.1E-08	6.3E-08	1.1E-07	6.2E-08	5.6E-08	2.57E-08	8.3E-10	1.3E-08	1.1E-08	2.0E-08	1.9E-08	4.1E-09	6.8E-08
132	S_26	387613.28	3744580.92	387613.28, 3744580.92	6.23E-05	9.11E-05	2.2E-08	6.5E-08	9.5E-08	5.5E-08	5.0E-08	2.28E-08	8.5E-10	1.4E-08	1.0E-08	1.8E-08	1.6E-08	3.6E-09	6.3E-08
133	S_27	387613.28	3744630.92	387613.28, 3744630.92	6.42E-05	8.13E-05	2.2E-08	6.7E-08	8.5E-08	4.9E-08	4.5E-08	2.04E-08	8.7E-10	1.4E-08	8.9E-09	1.6E-08	1.5E-08	3.2E-09	5.8E-08
134	S_28	387613.28	3744680.92	387613.28, 3744680.92	6.60E-05	7.30E-05	2.3E-08	6.9E-08	7.6E-08	4.4E-08	4.0E-08	1.83E-08	9.0E-10	1.4E-08	8.0E-09	1.5E-08	1.3E-08	2.9E-09	5.4E-08
135	S_29	387663.28	3744330.92	387663.28, 3744330.92	5.45E-05	1.98E-04	1.9E-08	5.7E-08	2.1E-07	1.2E-07	1.1E-07	4.95E-08	7.4E-10	1.2E-08	2.2E-08	4.0E-08	3.6E-08	7.8E-09	1.2E-07
136	S_30	387663.28	3744380.92	387663.28, 3744380.92	5.58E-05	1.71E-04	1.9E-08	5.8E-08	1.8E-07	1.0E-07	9.4E-08	4.28E-08	7.6E-10	1.2E-08	1.9E-08	3.4E-08	3.1E-08	6.8E-09	1.0E-07
137	S_31	387663.28	3744430.92	387663.28, 3744430.92	5.72E-05	1.48E-04	2.0E-08	6.0E-08	1.5E-07	9.0E-08	8.1E-08	3.71E-08	7.8E-10	1.3E-08	1.6E-08	3.0E-08	2.7E-08	5.8E-09	9.2E-08
138	S_32	387663.28	3744480.92	387663.28, 3744480.92	5.88E-05	1.29E-04	2.0E-08	6.1E-08	1.3E-07	7.8E-08	7.1E-08	3.22E-08	8.0E-10	1.3E-08	1.4E-08	2.6E-08	2.3E-08	5.1E-09	8.2E-08
139	S_33	387663.28	3744530.92	387663.28, 3744530.92	6.03E-05	1.12E-04	2.1E-08	6.3E-08	1.2E-07	6.8E-08	6.2E-08	2.81E-08	8.2E-10	1.3E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	7.4E-08
140	S_34	387663.28	3744580.92	387663.28, 3744580.92	6.20E-05	9.88E-05	2.1E-08	6.5E-08	1.0E-07	6.0E-08	5.4E-08	2.47E-08	8.4E-10	1.4E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	6.7E-08
141	S_35	387663.28	3744630.92	387663.28, 3744630.92	6.39E-05	8.73E-05	2.2E-08	6.7E-08	9.1E-08	5.3E-08	4.8E-08	2.19E-08	8.7E-10	1.4E-08	9.6E-09	1.7E-08	1.6E-08	3.4E-09	6.1E-08
142	S_36	387663.28	3744680.92	387663.28, 3744680.92	6.58E-05	7.77E-05	2.3E-08	6.9E-08	8.1E-08	4.7E-08	4.3E-08	1.94E-08	8.9E-10	1.4E-08	8.5E-09	1.6E-08	1.4E-08	3.1E-09	5.6E-08
143	S_37	387713.28	3744480.92	387713.28, 3744480.92	5.42E-05	1.41E-04	1.9E-08	5.7E-08	1.5E-07	8.5E-08	7.7E-08	3.53E-08	7.4E-10	1.2E-08	1.5E-08	2.8E-08	2.6E-08	5.6E-09	8.7E-08
144	S_38	387713.28	3744530.92	387713.28, 3744530.92	5.56E-05	1.22E-04	1.9E-08	5.8E-08	1.3E-07	7.4E-08	6.7E-08	3.05E-08	7.6E-10	1.2E-08	1.3E-08	2.4E-08	2.2E-08	4.8E-09	7.7E-08
145	S_39	387713.28	3744580.92	387713.28, 3744580.92	5.71E-05	1.06E-04	2.0E-08	6.0E-08	1.1E-07	6.4E-08	5.8E-08	2.65E-08	7.8E-10	1.3E-08	1.2E-08	2.1E-08	1.9E-08	4.2E-09	6.9E-08
146	S_40	387713.28	3744630.92	387713.28, 3744630.92	5.83E-05	9.29E-05	2.0E-08	6.1E-08	9.7E-08	5.6E-08	5.1E-08	2.33E-08	7.9E-10	1.3E-08	1.0E-08	1.9E-08	1.7E-08	3.7E-09	6.3E-08
147	S_41	387713.28	3744680.92	387713.28, 3744680.92	6.00E-05	8.21E-05	2.1E-08	6.3E-08	8.6E-08	5.0E-08	4.5E-08	2.05E-08	8.2E-10	1.3E-08	9.0E-09	1.6E-08	1.5E-08	3.2E-09	5.7E-08
148	S_42	387763.28	3744580.92	387763.28, 3744580.92	6.16E-05	1.12E-04	2.1E-08	6.4E-08	1.2E-07	6.8E-08	6.1E-08	2.80E-08	8.4E-10	1.3E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	7.4E-08
149	S_43	387763.28	3744630.92	387763.28, 3744630.92	6.36E-05	9.76E-05	2.2E-08	6.6E-08	1.0E-07	5.9E-08	5.4E-08	2.44E-08	8.6E-10	1.4E-08	1.1E-08	1.9E-08	1.8E-08	3.9E-09	6.6E-08
150	S_44	387763.28	3744680.92	387763.28, 3744680.92	6.53E-05	8.57E-05	2.3E-08	6.8E-08	9.0E-08	5.2E-08	4.7E-08	2.14E-08	8.9E-10	1.4E-08	9.4E-09	1.7E-08	1.6E-08	3.4E-09	6.1E-08
151	S_45	387813.28	3744680.92	387813.28, 3744680.92	5.34E-05	8.83E-05	1.8E-08	5.6E-08	9.2E-08	5.3E-08	4.8E-08	2.21E-08	7.3E-10	1.2E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	5.9E-08
152		387465.01	3744212.81	387465.01, 3744212.81	5.48E-05	1.43E-04	1.9E-08	5.7E-08	1.5E-07	8.7E-08	7.8E-08	3.58E-08	7.4E-10	1.2E-08	1.6E-08	2.9E-08	2.6E-08	5.6E-09	8.9E-08
153		387515.01	3744212.81	387515.01, 3744212.81	5.62E-05	1.64E-04	1.9E-08	5.9E-08	1.7E-07	9.9E-08	9.0E-08	4.11E-08	7.6E-10	1.2E-08	1.8E-08	3.3E-08	3.0E-08	6.5E-09	1.0E-07
154		387565.01	3744212.81	387565.01, 3744212.81	5.80E-05	1.93E-04	2.0E-08	6.1E-08	2.0E-07	1.2E-07	1.1E-07	4.82E-08	7.9E-10	1.3E-08	2.1E-08	3.8E-08	3.5E-08	7.6E-09	1.2E-07
155		387615.01	3744212.81	387615.01, 3744212.81	5.95E-05	2.31E-04	2.1E-08	6.2E-08	2.4E-07	1.4E-07	1.3E-07	5.78E-08	8.1E-10	1.3E-08	2.5E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
156		387436.03	3744192.12	387436.03, 3744192.12	6.11E-05	1.39E-04	2.1E-08	6.4E-08	1.5E-07	8.4E-08	7.6E-08	3.49E-08	8.3E-10	1.3E-08	1.5E-08	2.8E-08	2.5E-08	5.5E-09	8.8E-08
157	R_1	386968.99	3743502.23	386968.99, 3743502.23	6.30E-05	6.27E-05	2.2E-08	6.6E-08	6.6E-08	3.8E-08	3.4E-08	1.57E-08	8.6E-10	1.4E-08	6.9E-09	1.3E-08	1.1E-08	2.5E-09	4.8E-08
158	R_2	386968.99	3743552.23	386968.99, 3743552.23	6.50E-05	6.45E-05	2.2E-08	6.8E-08	6.7E-08	3.9E-08	3.5E-08	1.61E-08	8.8E-10	1.4E-08	7.1E-09	1.3E-08	1.2E-08	2.5E-09	4.9E-08
159	R_3	386968.99	3743602.23	386968.99, 3743602.23	5.30E-05	6.59E-05	1.8E-08	5.5E-08	6.9E-08	4.0E-08	3.6E-08	1.65E-08	7.2E-10	1.2E-08	7.2E-09	1.3E-08	1.2E-08	2.6E-09	4.7E-08
160	R_4	386968.99	3743652.23	386968.99, 3743652.23	5.43E-05	6.70E-05	1.9E-08	5.7E-08	7.0E-08	4.1E-08	3.7E-08	1.68E-08	7.4E-10	1.2E-08	7.3E-09	1.3E-08	1.2E-08	2.6E-09	4.8E-08
161	R_5	386968.99	3743702.23	386968.99, 3743702.23	5.59E-05	6.75E-05	1.9E-08	5.8E-08	7.1E-08	4.1E-08	3.7E-08	1.69E-08	7.6E-10	1.2E-08	7.4E-09	1.3E-08	1.2E-08	2.7E-09	4.9E-08
162	R_6	386968.99	3743752.23	386968.99, 3743752.23	5.74E-05	6.77E-05	2.0E-08	6.0E-08	7.1E-08	4.1E-08	3.7E-08	1.69E-08	7.8E-10	1.3E-08	7.4E-09	1.4E-08	1.2E-08	2.7E-09	4.9E-08
163	R_7	386968.99	3743802.23	386968.99, 3743802.23	5.88E-05	6.76E-05	2.0E-08	6.2E-08	7.1E-08	4.1E-08	3.7E-08	1.69E-08	8.0E-10	1.3E-08	7.4E-09	1.3E-08	1.2E-08	2.7E-09	4.9E-08
164	R_8	386968.99	3743852.23	386968.99, 3743852.23	6.07E-05	6.76E-05	2.1E-08	6.3E-08	7.1E-08	4.1E-08	3.7E-08	1.69E-08	8.3E-10	1.3E-08	7.4E-09	1.3E-08	1.2E-08	2.7E-09	5.0E-08
165	R_9	386968.99	3743902.23	386968.99, 3743902.23	6.24E-05	6.77E-05	2.2E-08	6.5E-08	7.1E-08	4.1E-08	3.7E-08	1.69E-08	8.5E-10	1.4E-08	7.4E-09	1.4E-08	1.2E-08	2.7E-09	5.0E-08
166	R_10	386968.99	3743952.23	386968.99, 3743952.23	6.41E-05	6.78E-05	2.2E-08	6.7E-08	7.1E-08	4.1E-08	3.7E-08	1.70E-08	8.7E-10	1.4E-08	7.4E-09	1.4E-08	1.2E-08	2.7E-09	5.1E-08
167	R_11	386968.99	3744002.23	386968.99, 3744002.23	5.25E-05	6.74E-05	1.8E-08	5.5E-08	7.0E-08	4.1E-08	3.7E-08	1.69E-08	7.1E-10	1.2E-08	7.4E-09	1.3E-08	1.2E-08	2.7E-09	4.8E-08
168	R_12	386968.99	3744052.23	386968.99, 3744052.23	5.39E-05	6.65E-05	1.9E-08	5.6E-08	7.0E-08	4.0E-08	3.6E-08	1.66E-08	7.3E-10	1.2E-08	7.3E-09	1.3E-08	1.2E-08	2.6E-09	4.8E-08
169	R_13	386968.99	3744102.23	386968.99, 3744102.23	5.52E-05	6.48E-05	1.9E-08	5.8E-08	6.8E-08	3.9E-08	3.6E-08	1.62E-08	7.5E-10	1.2E-08	7.1E-09	1.3E-08	1.2E-08	2.6E-09	4.7E-08
170	R_14	386968.99	3744152.23	386968.99, 3744152.23	5.67E-05	6.24E-05	2.0E-08	5.9E-08	6.5E-08	3.8E-08	3.4E-08	1.56E-08	7.7E-10	1.2E-08	6.8E-09	1.2E-08	1.1E-08	2.5E-09	4.6E-08
171	R_15	387018.99	3743502.23	387018.99, 3743502.23	5.83E-05	6.89E-05	2.0E-08	6.1E-08	7.2E-08	4.2E-08	3.8E-08	1.73E-08	7.9E-10	1.3E-08	7.5E-09	1.4E-08	1.2E-08	2.7E-09	5.0E-08
172	R_16	387018.99	3743552.23	387018.99, 3743552.23	6.00E-05	7.07E-05	2.1E-08	6.3E-08	7.4E-08	4.3E-08	3.9E-08	1.77E-08	8.2E-10	1.3E-08	7.7E-09	1.4E-08	1.3E-08	2.8E-09	5.1E-08
173	R_17	387018.99	3743602.23	387018.99, 3743602.23	6.17E-05	7.22E-05	2.1E-08	6.4E-08	7.5E-08	4.4E-08	4.0E-08	1.81E-08	8.4E-10	1.4E-08	7.9E-09	1.4E-08	1.3E-08	2.9E-09	5.3E-08
174	R_18	387018.99	3743652.23	387018.99, 3743652.23	6.35E-05	7.34E-05	2.2E-08	6.6E-08	7.7E-08	4.4E-08	4.0E-08	1.84E-08	8.6E-10	1.4E-08	8.0E-09	1.5E-08	1.3E-08	2.9E-09	5.4E-08
175	R_19	387018.99	3743702.23	387018.99, 3743702.23	5.19E-05	7.41E-05	1.8E-08	5.4E-08	7.7E-08	4.5E-08	4.1E-08	1.86E-08	7.1E-10	1.1E-08	8.1E-09	1.5E-08	1.3E-08	2.9E-09	5.1E-08
176	R_20	387018.99	3743752.23	387018.99, 3743752.23	5.32E-05	7.43E-05	1.8E-08	5.6E-08	7.8E-08	4.5E-08	4.1E-08	1.86E-08	7.2E-10	1.2E-08	8.1E-09	1.5E-08	1.3E-08	2.9E-09	5.2E-08
177	R_21	387018.99	3743802.23	387018.99, 3743802.23	5.46E-05	7.42E-05	1.9E-08	5.7E-08	7.8E-08	4.5E-08	4.1E-08	1.86E-08	7.4E-10	1.2E-08	8.1E-09	1.5E-08	1.3E-08	2.9E-09	5.2E-08
178	R_22	387018.99	3743852.23	387018.99, 3743852.23	5.61E-05	7.40E-05	1.9E-08	5.9E-08	7.7E-08	4.5E-08	4.1E-08	1.85E-08	7.6E-10	1.2E-08	8.1E-09	1.5E-08	1.3E-08	2.9E-09	5.2E-08
179	R_23	387018.99	3743902.23	387018.99, 3743902.23	5.76E-05	7.40E-05	2.0E-08	6.0E-08	7.7E-08	4.5E-08	4.1E-08	1.85E-08	7.8E-10	1.3E-08	8.1E-09	1.5E-08	1.3E-08	2.9E-09	5.3E-08
180	R_24	387018.99	3743952.23	387018.99, 3743952.23	5.93E-05	7.41E-05	2.1E-08	6.2E-08	7.7E-08	4.5E-08	4.1E-08	1.85E-08	8.1E-10	1.3E-08	8.1E-09	1.5E-08	1.3E-08	2.9E-09	5.3E-08
181	R_25	387018.99	3744002.23	387018.99, 3744002.23	6.09E-05	7.36E-05	2.1E-08	6.4E-08	7.7E-08	4.5E-08	4.0E-08	1.84E-08	8.3E-10	1.3E-08	8.1E-09	1.5E-08	1.3E-08	2.9E-09	5.3E-08
182	R_26	387018.99	3744052.23	387018.99, 3744052.23	6.27E-05	7.23E-05	2.2E-08	6.6E-08	7.6E-08	4.4E-08	4.0E-08	1.81E-08	8.5E-10	1.4E-08	7.9E-09	1.4E-08	1.3E-08	2.9E-09	5.3E-08
183	R_27	387018.99	3744102.23	387018.99, 3744102.23	5.14E-05	7.02E-05	1.8E-08	5.4E-08	7.3E-08	4.2E-08	3.8E-08	1.76E-08	7.0E-10	1.1E-08	7.7E-09	1.4E-08	1.3E-08	2.8E-09	4.9E-08
184	R_28	387018.99	3744152.23	387018.99, 3744152.23	5.27E-05	6.73E-05	1.8E-08	5.5E-08	7.0E-08	4.1E-08	3.7E-08	1.69E-08	7.2E-10	1.2E-08	7.4E-09	1.3E-08	1.2E-08	2.7E-09	4.8E-08
185	R_29	387068.99	3743502.23	387068.99, 3743502.23	5.40E-05	7.66E-05	1.9E-08	5.6E-08	8.0E-08	4.6E-08	4.2E-08	1.92E-08	7.3E-10	1.2E-08	8.4E-09	1.5E-08	1.4E-08	3.0E-09	5.3E-08
186	R_30	387068.99	3743552.23	387068.99, 3743552.23	5.55E-05	7.80E-05	1.9E-08	5.8E-08	8.2E-08	4.7E-08	4.3E-08	1.95E-08	7.5E-10	1.2E-08	8.5E-09	1.6E-08	1.4E-08	3.1E-09	5.4E-08
187	R_31	387068.99	3743602.23	387068.99, 3743602.23	5.70E-05	7.96E-05	2.0E-08	6.0E-08	8.3E-08	4.8E-08	4.4E-08	1.99E-08	7.7E-10	1.2E-08	8.7E-09	1.6E-08	1.4E-08	3.1E-09	5.5E-08
188	R_32	387068.99	3743652.23	387068.99, 3743652.23	5.86E-05	8.09E-05	2.0E-08	6.1E-08	8.5E-08	4.9E-08	4.4E-08	2.02E-08	8.0E-10	1.3E-08	8.9E-09	1.6E-08	1.5E-08	3.2E-09	5.6E-08
189	R_33	387068.99	3743702.23	387068.99, 3743702.23	6.02E-05	8.17E-05	2.1E-08	6.3E-08	8.5E-08	4.9E-08	4.5E-08	2.05E-08	8.2E-10	1.3E-08	8.9E-09	1.6E-08	1.5E-08	3.2E-09	5.7E-08
190	R_34	387068.99	3743752.23	387068.99, 3743752.23	6.19E-05	8.19E-05	2.1E-08	6.5E-08	8.6E-08	5.0E-08	4.5E-08	2.05E-08	8.4E-10	1.4E-08	9.0E-09	1.6E-08	1.5E-08	3.2E-09	5.8E-08
191	R_35	387068.99	3743802.23	387068.99, 3743802.23	5.08E-05	8.18E-05	1.8E-08	5.3E-08	8.5E-08	4.9E-08	4.5E-08	2.05E-08	6.9E-10	1.1E-08	9.0E-09	1.6E-08	1.5E-08	3.2E-09	5.5E-08
192	R_36	387068.99	3743852.23	387068.99, 3743852.23	5.21E-05	8.15E-05	1.8E-08	5.4E-08	8.5E-08	4.9E-08	4.5E-08	2.04E-08	7.1E-10	1.1E-08	8.9E-09	1.6E-08	1.5E-08	3.2E-09	5.5E-08
193	R_37	387068.99	3743902.23	387068.99, 3743902.23	5.34E-05	8.14E-05	1.8E-08	5.6E-08	8.5E-08	4.9E-08	4.5E-08	2.04E-08	7.3E-10	1.2E-08	8.9E-09	1.6E-08	1.5E-08	3.2E-09	5.6E-08
194	R_38	387068.99	3743952.23	387068.99, 3743952.23	5.48E-05	8.14E-05	1.9E-08	5.7E-08	8.5E-08	4.9E-08	4.5E-08	2.04E-08	7.5E-10	1.2E-08	8.9E-09	1.6E-08	1.5E-08	3.2E-09	5.6E-08
195	R_39	387068.99	3744002.23	387068.99, 3744002.23	5.62E-05	8.07E-05	1.9E-08	5.9E-08	8.4E-08	4.9E-08	4.4E-08	2.02E-08	7.6E-10	1.2E-08	8.8E-09	1.6E-08	1.5E-08	3.2E-09	5.6E-08
196	R_40	387068.99	3744052.23	387068.99, 3744052.23	5.78E-05	7.90E-05	2.0E-08	6.0E-08	8.3E-08	4.8E-08	4.3E-08	1.98E-08	7.9E-10	1.3E-08	8.7E-09	1.6E-08	1.4E-08	3.1E-09	5.5E-08
197	R_41	387068.99	3744102.23	387068.99, 3744102.23	5.94E-05	7.63E-05	2.1E-08	6.2E-08	8.0E-08	4.6E-08	4.2E-08	1.91E-08	8.1E-10	1.3E-08	8.4E-09	1.5E-08	1.4E-08	3.0E-09	5.4E-08
198	R_42	387068.99	3744152.23	387068.99, 3744152.23	6.11E-05	7.29E-05	2.1E-08	6.4E-08	7.6E-08	4.4E-08	4.0E-08	1.82E-08	8.3E-10	1.3E-08	8.0E-09	1.5E-08	1.3E-08	2.9E-09	5.3E-08
199	R_43	387118.99	3743502.23	387118.99, 3743502.23	5.01E-05	8.57E-05	1.7E-08	5.2E-08	9.0E-08	5.2E-08	4.7E-08	2.15E-08	6.8E-10	1.1E-08	9.4E-09	1.7E-08	1.6E-08	3.4E-09	5.7E-08
200	R_44	387118.99	3743552.23	387118.99, 3743552.23	5.13E-05	8.69E-05	1.8E-08	5.4E-08	9.1E-08	5.3E-08	4.8E-08	2.18E-08	7.0E-10	1.1E-08	9.5E-09	1.7E-08	1.6E-08	3.4E-09	5.8E-08
201	R_45	387118.99	3743602.23	387118.99, 3743602.23	5.26E-05	8.85E-05	1.8E-08	5.5E-08	9.3E-08	5.4E-08	4.9E-08	2.22E-08	7.2E-10	1.2E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	5.9E-08
202	R_46	387118.99	3743652.23	387118.99, 3743652.23	5.40E-05	9.01E-05	1.9E-08	5.6E-08	9.4E-08	5.4E-08	4.9E-08	2.25E-08	7.3E-10	1.2E-08	9.9E-09	1.8E-08	1.6E-08	3.6E-09	6.0E-08
203	R_47	387118.99	3743702.23	387118.99, 3743702.23	5.54E-05	9.09E-05	1.9E-08	5.8E-08	9.5E-08	5.5E-08	5.0E-08	2.27E-08	7.5E-10	1.2E-08	1.0E-08	1.8E-08	1.6E-08	3.6E-09	6.1E-08
204	R_48	387118.99	3743752.23	387118.99, 3743752.23	5.69E-05	9.09E-05	2.0E-08	5.9E-08	9.5E-08	5.5E-08	5.0E-08	2.28E-08	7.7E-10	1.2E-08	1.0E-08	1.8E-08	1.6E-08	3.6E-09	6.1E-08
205	R_49	387118.99	3743802.23	387118.99, 3743802.23	5.85E-05	9.07E-05	2.0E-08	6.1E-08	9.5E-08	5.5E-08	5.0E-08	2.27E-08	7.9E-10	1.3E-08	9.9E-09	1.8E-08	1.6E-08	3.6E-09	6.2E-08
206	R_50	387118.99	3743852.23	387118.99, 3743852.23	6.01E-05	9.03E-05	2.1E-08	6.3E-08	9.4E-08	5.5E-08	5.0E-08	2.26E-08	8.2E-10	1.3E-08	9.9E-09	1.8E-08	1.6E-08	3.6E-09	6.2E-08
207	R_51	387118.99	3743902.23	387118.99, 3743902.23	4.94E-05	9.01E-05	1.7E-08	5.2E-08	9.4E-08	5.5E-08	4.9E-08	2.25E-08	6.7E-10	1.1E-08	9.9E-09	1.8E-08	1.6E-08	3.6E-09	5.9E-08
208	R_52	387118.99	3743952.23	387118.99, 3743952.23	5.06E-05	8.99E-05	1.8E-08	5.3E-08	9.4E-08	5.4E-08	4.9E-08	2.25E-08	6.9E-10	1.1E-08	9.8E-09	1.8E-08	1.6E-08	3.5E-09	5.9E-08
209	R_53	387118.99	3744002.23	387118.99, 3744002.23	5.19E-05	8.90E-05	1.8E-08	5.4E-08	9.3E-08	5.4E-08	4.9E-08	2.23E-08	7.1E-10	1.1E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	5.9E-08
210	R_54	387118.99	3744052.23	387118.99, 3744052.23	5.32E-05	8.68E-05	1.8E-08	5.6E-08	9.1E-08	5.3E-08	4.8E-08	2.17E-08	7.2E-10	1.2E-08	9.5E-09	1.7E-08	1.6E-08	3.4E-09	5.8E-08
211	R_55	387118.99	3744102.23	387118.99, 3744102.23	5.46E-05	8.34E-05	1.9E-08	5.7E-08	8.7E-08	5.0E-08	4.6E-08	2.09E-08	7.4E-10	1.2E-08	9.1E-09	1.7E-08	1.5E-08	3.3E-09	5.7E-08
212	R_56	387118.99	3744152.23	387118.99, 3744152.23	5.60E-05	7.92E-05	1.9E-08	5.9E-08	8.3E-08	4.8E-08	4.3E-08	1.98E-08	7.6E-10	1.2E-08	8.7E-09	1.6E-08	1.4E-08	3.1E-09	5.5E-08
213	R_57	387168.99	3743502.23	387168.99, 3743502.23	5.75E-05	9.74E-05	2.0E-08	6.0E-08	1.0E-07	5.9E-08	5.3E-08	2.44E-08	7.8E-10	1.3E-08	1.1E-08	1.9E-08	1.8E-08	3.8E-09	6.5E-08
214	R_58	387168.99	3743552.23	387168.99, 3743552.23	5.92E-05	9.81E-05	2.0E-08	6.2E-08	1.0E-07	5.9E-08	5.4E-08	2.45E-08	8.0E-10	1.3E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	6.6E-08
215	R_59	387168.99	3743602.23	387168.99, 3743602.23	4.87E-05	9.95E-05	1.7E-08	5.1E-08	1.0E-07	6.0E-08	5.5E-08	2.49E-08	6.6E-10	1.1E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	6.4E-08
216	R_60	387168.99	3743652.23	387168.99, 3743652.23	4.99E-05	1.01E-04	1.7E-08	5.2E-08	1.1E-07	6.1E-08	5.5E-08	2.52E-08	6.8E-10	1.1E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	6.5E-08
217	R_61	387168.99	3743702.23	387168.99, 3743702.23	5.10E-05	1.02E-04	1.8E-08	5.3E-08	1.1E-07	6.1E-08	5.6E-08	2.54E-08	6.9E-10	1.1E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	6.6E-08
218	R_62	387168.99	3743752.23	387168.99, 3743752.23	5.23E-05	1.02E-04	1.8E-08	5.5E-08	1.1E-07	6.2E-08	5.6E-08	2.54E-08	7.1E-10	1.1E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	6.6E-08
219	R_63	387168.99	3743802.23	387168.99, 3743802.23	5.37E-05	1.01E-04	1.9E-08	5.6E-08	1.1E-07	6.1E-08	5.6E-08	2.54E-08	7.3E-10	1.2E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	6.6E-08
220	R_64	387168.99	3743852.23	387168.99, 3743852.23	5.51E-05	1.01E-04	1.9E-08	5.8E-08	1.1E-07	6.1E-08	5.5E-08	2.52E-08	7.5E-10	1.2E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	6.6E-08
221	R_65	387168.99	3743902.23	387168.99, 3743902.23	5.66E-05	1.00E-04	2.0E-08	5.9E-08	1.1E-07	6.1E-08	5.5E-08	2.52E-08	7.7E-10	1.2E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	6.6E-08
222	R_66	387168.99	3743952.23	387168.99, 3743952.23	5.81E-05	1.00E-04	2.0E-08	6.1E-08	1.0E-07	6.1E-08	5.5E-08	2.50E-08	7.9E-10	1.3E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	6.7E-08
223	R_67	387168.99	3744002.23	387168.99, 3744002.23	4.79E-05	9.87E-05	1.7E-08	5.0E-08	1.0E-07	6.0E-08	5.4E-08	2.47E-08	6.5E-10	1.0E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	6.3E-08
224	R_68	387168.99	3744052.23	387168.99, 3744052.23	4.90E-05	9.59E-05	1.7E-08	5.1E-08	1.0E-07	5.8E-08	5.3E-08	2.40E-08	6.7E-10	1.1E-08	1.0E-08	1.9E-08	1.7E-08	3.8E-09	6.2E-08
225	R_69	387168.99	3744102.23	387168.99, 3744102.23	5.02E-05	9.16E-05	1.7E-08	5.2E-08	9.6E-08	5.5E-08	5.0E-08	2.29E-08	6.8E-10	1.1E-08	1.0E-08	1.8E-08	1.7E-08	3.6E-09	6.0E-08
226	R_70	387168.99	3744152.23	387168.99, 3744152.23	5.15E-05	8.64E-05	1.8E-08	5.4E-08	9.0E-08	5.2E-08	4.7E-08	2.16E-08	7.0E-10	1.1E-08	9.5E-09	1.7E-08	1.6E-08	3.4E-09	5.8E-08
227	R_71	387218.99	3743502.23	387218.99, 3743502.23	5.28E-05	1.13E-04	1.8E-08	5.5E-08	1.2E-07	6.8E-08	6.2E-08	2.83E-08	7.2E-10	1.2E-08	1.2E-08	2.3E-08	2.0E-08	4.5E-09	7.2E-08
228	R_72	387218.99	3743552.23	387218.99, 3743552.23	5.41E-05	1.12E-04	1.9E-08	5.7E-08	1.2E-07	6.8E-08	6.2E-08	2.82E-08	7.4E-10	1.2E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	7.2E-08
229	R_73	387218.99	3743602.23	387218.99, 3743602.23	5.55E-05	1.13E-04	1.9E-08	5.8E-08	1.2E-07	6.9E-08	6.2E-08	2.83E-08	7.6E-10	1.2E-08	1.2E-08	2.3E-08	2.1E-08	4.5E-09	7.3E-08
230	R_74	387218.99	3743652.23	387218.99, 3743652.23	5.71E-05	1.14E-04	2.0E-08	6.0E-08	1.2E-07	6.9E-08	6.3E-08	2.85E-08	7.8E-10	1.3E-08	1.2E-08	2.3E-08	2.1E-08	4.5E-09	7.4E-08
231	R_75	387218.99	3743702.23	387218.99, 3743702.23	4.72E-05	1.14E-04	1.6E-08	4.9E-08	1.2E-07	6.9E-08	6.3E-08	2.86E-08	6.4E-10	1.0E-08	1.3E-08	2.3E-08	2.1E-08	4.5E-09	7.2E-08
232	R_76	387218.99	3743752.23	387218.99, 3743752.23	4.82E-05	1.15E-04	1.7E-08	5.0E-08	1.2E-07	6.9E-08	6.3E-08	2.87E-08	6.6E-10	1.1E-08	1.3E-08	2.3E-08	2.1E-08	4.5E-09	7.2E-08

233	R_77	387218.99	3743802.23	387218.99, 3743802.23	4.93E-05	1.14E-04	1.7E-08	5.2E-08	1.2E-07	6.9E-08	6.3E-08	2.86E-08	6.7E-10	1.1E-08	1.3E-08	2.3E-08	2.1E-08	4.5E-09	7.2E-08
234	R_78	387218.99	3743852.23	387218.99, 3743852.23	5.05E-05	1.14E-04	1.7E-08	5.3E-08	1.2E-07	6.9E-08	6.2E-08	2.84E-08	6.9E-10	1.1E-08	1.2E-08	2.3E-08	2.1E-08	4.5E-09	7.2E-08
235	R_79	387218.99	3743902.23	387218.99, 3743902.23	5.18E-05	1.13E-04	1.8E-08	5.4E-08	1.2E-07	6.8E-08	6.2E-08	2.82E-08	7.0E-10	1.1E-08	1.2E-08	2.3E-08	2.0E-08	4.5E-09	7.2E-08
236	R_80	387218.99	3743952.23	387218.99, 3743952.23	5.31E-05	1.12E-04	1.8E-08	5.6E-08	1.2E-07	6.8E-08	6.1E-08	2.80E-08	7.2E-10	1.2E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	7.2E-08
237	R_81	387218.99	3744002.23	387218.99, 3744002.23	5.45E-05	1.10E-04	1.9E-08	5.7E-08	1.2E-07	6.7E-08	6.0E-08	2.76E-08	7.4E-10	1.2E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	7.1E-08
238	R_82	387218.99	3744052.23	387218.99, 3744052.23	5.59E-05	1.06E-04	1.9E-08	5.8E-08	1.1E-07	6.4E-08	5.8E-08	2.66E-08	7.6E-10	1.2E-08	1.2E-08	2.1E-08	1.9E-08	4.2E-09	6.9E-08
239	R_83	387218.99	3744102.23	387218.99, 3744102.23	4.63E-05	1.01E-04	1.6E-08	4.8E-08	1.1E-07	6.1E-08	5.5E-08	2.53E-08	6.3E-10	1.0E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	6.4E-08
240	R_84	387218.99	3744152.23	387218.99, 3744152.23	4.73E-05	9.46E-05	1.6E-08	4.9E-08	9.9E-08	5.7E-08	5.2E-08	2.37E-08	6.4E-10	1.0E-08	1.0E-08	1.9E-08	1.7E-08	3.7E-09	6.1E-08
241	R_85	387268.99	3743502.23	387268.99, 3743502.23	4.84E-05	1.34E-04	1.7E-08	5.1E-08	1.4E-07	8.1E-08	7.4E-08	3.36E-08	6.6E-10	1.1E-08	1.5E-08	2.7E-08	2.4E-08	5.3E-09	8.2E-08
242	R_86	387268.99	3743552.23	387268.99, 3743552.23	4.95E-05	1.31E-04	1.7E-08	5.2E-08	1.4E-07	7.9E-08	7.2E-08	3.29E-08	6.7E-10	1.1E-08	1.4E-08	2.6E-08	2.4E-08	5.2E-09	8.1E-08
243	R_87	387268.99	3743602.23	387268.99, 3743602.23	5.08E-05	1.31E-04	1.8E-08	5.3E-08	1.4E-07	7.9E-08	7.2E-08	3.27E-08	6.9E-10	1.1E-08	1.4E-08	2.6E-08	2.4E-08	5.2E-09	8.1E-08
244	R_88	387268.99	3743652.23	387268.99, 3743652.23	5.20E-05	1.30E-04	1.8E-08	5.4E-08	1.4E-07	7.9E-08	7.1E-08	3.26E-08	7.1E-10	1.1E-08	1.4E-08	2.6E-08	2.4E-08	5.1E-09	8.1E-08
245	R_89	387268.99	3743702.23	387268.99, 3743702.23	5.33E-05	1.30E-04	1.8E-08	5.6E-08	1.4E-07	7.9E-08	7.1E-08	3.26E-08	7.2E-10	1.2E-08	1.4E-08	2.6E-08	2.4E-08	5.1E-09	8.1E-08
246	R_90	387268.99	3743752.23	387268.99, 3743752.23	5.47E-05	1.30E-04	1.9E-08	5.7E-08	1.4E-07	7.9E-08	7.2E-08	3.26E-08	7.4E-10	1.2E-08	1.4E-08	2.6E-08	2.4E-08	5.1E-09	8.2E-08
247	R_91	387268.99	3743802.23	387268.99, 3743802.23	4.54E-05	1.30E-04	1.6E-08	4.7E-08	1.4E-07	7.9E-08	7.1E-08	3.26E-08	6.2E-10	9.9E-09	1.4E-08	2.6E-08	2.4E-08	5.1E-09	7.9E-08
248	R_92	387268.99	3743852.23	387268.99, 3743852.23	4.64E-05	1.29E-04	1.6E-08	4.8E-08	1.3E-07	7.8E-08	7.1E-08	3.23E-08	6.3E-10	1.0E-08	1.4E-08	2.6E-08	2.3E-08	5.1E-09	7.9E-08
249	R_93	387268.99	3743902.23	387268.99, 3743902.23	4.74E-05	1.28E-04	1.6E-08	5.0E-08	1.3E-07	7.7E-08	7.0E-08	3.20E-08	6.5E-10	1.0E-08	1.4E-08	2.6E-08	2.3E-08	5.0E-09	7.9E-08
250	R_94	387268.99	3743952.23	387268.99, 3743952.23	4.85E-05	1.27E-04	1.7E-08	5.1E-08	1.3E-07	7.7E-08	6.9E-08	3.17E-08	6.6E-10	1.1E-08	1.4E-08	2.5E-08	2.3E-08	5.0E-09	7.8E-08
251	R_95	387268.99	3744002.23	387268.99, 3744002.23	4.97E-05	1.24E-04	1.7E-08	5.2E-08	1.3E-07	7.5E-08	6.8E-08	3.10E-08	6.8E-10	1.1E-08	1.4E-08	2.5E-08	2.2E-08	4.9E-09	7.7E-08
252	R_96	387268.99	3744052.23	387268.99, 3744052.23	5.08E-05	1.19E-04	1.8E-08	5.3E-08	1.2E-07	7.2E-08	6.5E-08	2.98E-08	6.9E-10	1.1E-08	1.3E-08	2.4E-08	2.2E-08	4.7E-09	7.5E-08
253	R_97	387268.99	3744102.23	387268.99, 3744102.23	5.21E-05	1.12E-04	1.8E-08	5.4E-08	1.2E-07	6.8E-08	6.1E-08	2.80E-08	7.1E-10	1.1E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	7.1E-08
254	R_98	387268.99	3744152.23	387268.99, 3744152.23	5.34E-05	1.04E-04	1.8E-08	5.6E-08	1.1E-07	6.3E-08	5.7E-08	2.61E-08	7.3E-10	1.2E-08	1.1E-08	2.1E-08	1.9E-08	4.1E-09	6.8E-08
255	R_99	387318.99	3743552.23	387318.99, 3743552.23	4.45E-05	1.58E-04	1.5E-08	4.6E-08	1.6E-07	9.5E-08	8.7E-08	3.95E-08	6.0E-10	9.7E-09	1.7E-08	3.1E-08	2.9E-08	6.2E-09	9.4E-08
256	R_10(	387318.99	3743602.23	387318.99, 3743602.23	4.54E-05	1.54E-04	1.6E-08	4.7E-08	1.6E-07	9.3E-08	8.4E-08	3.85E-08	6.2E-10	9.9E-09	1.7E-08	3.1E-08	2.8E-08	6.1E-09	9.2E-08
257	R_10:	387318.99	3743652.23	387318.99, 3743652.23	4.64E-05	1.51E-04	1.6E-08	4.9E-08	1.6E-07	9.1E-08	8.3E-08	3.77E-08	6.3E-10	1.0E-08	1.7E-08	3.0E-08	2.7E-08	6.0E-09	9.1E-08
258	R_10;	387318.99	3743702.23	387318.99, 3743702.23	4.74E-05	1.50E-04	1.6E-08	5.0E-08	1.6E-07	9.1E-08	8.2E-08	3.75E-08	6.5E-10	1.0E-08	1.6E-08	3.0E-08	2.7E-08	5.9E-09	9.0E-08
259	R_10:	387318.99	3743752.23	387318.99, 3743752.23	4.86E-05	1.50E-04	1.7E-08	5.1E-08	1.6E-07	9.1E-08	8.2E-08	3.76E-08	6.6E-10	1.1E-08	1.6E-08	3.0E-08	2.7E-08	5.9E-09	9.1E-08
260	R_10·	387318.99	3743802.23	387318.99, 3743802.23	4.96E-05	1.50E-04	1.7E-08	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.75E-08	6.8E-10	1.1E-08	1.6E-08	3.0E-08	2.7E-08	5.9E-09	9.1E-08
261	R_10!	387318.99	3743852.23	387318.99, 3743852.23	5.08E-05	1.48E-04	1.8E-08	5.3E-08	1.5E-07	9.0E-08	8.1E-08	3.71E-08	6.9E-10	1.1E-08	1.6E-08	3.0E-08	2.7E-08	5.9E-09	9.0E-08
262	R_10(	387318.99	3743902.23	387318.99, 3743902.23	5.21E-05	1.46E-04	1.8E-08	5.4E-08	1.5E-07	8.9E-08	8.0E-08	3.66E-08	7.1E-10	1.1E-08	1.6E-08	2.9E-08	2.6E-08	5.8E-09	9.0E-08
263	R_10'	387318.99	3743952.23	387318.99, 3743952.23	4.35E-05	1.44E-04	1.5E-08	4.6E-08	1.5E-07	8.7E-08	7.9E-08	3.61E-08	5.9E-10	9.5E-09	1.6E-08	2.9E-08	2.6E-08	5.7E-09	8.7E-08
264	R_10!	387318.99	3744002.23	387318.99, 3744002.23	4.44E-05	1.41E-04	1.5E-08	4.6E-08	1.5E-07	8.5E-08	7.7E-08	3.52E-08	6.0E-10	9.7E-09	1.5E-08	2.8E-08	2.5E-08	5.5E-09	8.5E-08
265	R_10!	387318.99	3744052.23	387318.99, 3744052.23	4.54E-05	1.34E-04	1.6E-08	4.7E-08	1.4E-07	8.1E-08	7.3E-08	3.35E-08	6.2E-10	9.9E-09	1.5E-08	2.7E-08	2.4E-08	5.3E-09	8.1E-08
266	R_11(	387318.99	3744102.23	387318.99, 3744102.23	4.64E-05	1.25E-04	1.6E-08	4.9E-08	1.3E-07	7.6E-08	6.9E-08	3.13E-08	6.3E-10	1.0E-08	1.4E-08	2.5E-08	2.3E-08	4.9E-09	7.7E-08
267	R_11:	387318.99	3744152.23	387318.99, 3744152.23	4.75E-05	1.16E-04	1.6E-08	5.0E-08	1.2E-07	7.0E-08	6.3E-08	2.89E-08	6.5E-10	1.0E-08	1.3E-08	2.3E-08	2.1E-08	4.6E-09	7.2E-08
268	R_11;	387368.99	3743652.23	387368.99, 3743652.23	4.85E-05	1.78E-04	1.7E-08	5.1E-08	1.9E-07	1.1E-07	9.8E-08	4.45E-08	6.6E-10	1.1E-08	1.9E-08	3.6E-08	3.2E-08	7.0E-09	1.1E-07
269	R_11:	387368.99	3743702.23	387368.99, 3743702.23	4.96E-05	1.75E-04	1.7E-08	5.2E-08	1.8E-07	1.1E-07	9.6E-08	4.38E-08	6.7E-10	1.1E-08	1.9E-08	3.5E-08	3.2E-08	6.9E-09	1.0E-07
270	R_11·	387368.99	3743752.23	387368.99, 3743752.23	5.08E-05	1.75E-04	1.8E-08	5.3E-08	1.8E-07	1.1E-07	9.6E-08	4.38E-08	6.9E-10	1.1E-08	1.9E-08	3.5E-08	3.2E-08	6.9E-09	1.0E-07
271	R_11!	387368.99	3743802.23	387368.99, 3743802.23	4.26E-05	1.75E-04	1.5E-08	4.5E-08	1.8E-07	1.1E-07	9.6E-08	4.38E-08	5.8E-10	9.3E-09	1.9E-08	3.5E-08	3.2E-08	6.9E-09	1.0E-07
272	R_11(	387368.99	3743852.23	387368.99, 3743852.23	4.35E-05	1.72E-04	1.5E-08	4.5E-08	1.8E-07	1.0E-07	9.5E-08	4.32E-08	5.9E-10	9.5E-09	1.9E-08	3.4E-08	3.1E-08	6.8E-09	1.0E-07
273	R_11'	387368.99	3743902.23	387368.99, 3743902.23	4.44E-05	1.70E-04	1.5E-08	4.6E-08	1.8E-07	1.0E-07	9.3E-08	4.24E-08	6.0E-10	9.7E-09	1.9E-08	3.4E-08	3.1E-08	6.7E-09	1.0E-07
274	R_11!	387368.99	3743952.23	387368.99, 3743952.23	4.53E-05	1.66E-04	1.6E-08	4.7E-08	1.7E-07	1.0E-07	9.1E-08	4.16E-08	6.2E-10	9.9E-09	1.8E-08	3.3E-08	3.0E-08	6.6E-09	9.9E-08
275	R_11!	387368.99	3744002.23	387368.99, 3744002.23	4.63E-05	1.61E-04	1.6E-08	4.8E-08	1.7E-07	9.7E-08	8.8E-08	4.02E-08	6.3E-10	1.0E-08	1.8E-08	3.2E-08	2.9E-08	6.3E-09	9.6E-08
276	W_9(	387357.3	3743511.78	387357.3, 3743511.78	4.74E-05	1.92E-04	1.6E-08	5.0E-08	2.0E-07	1.2E-07	1.1E-07	4.80E-08	6.4E-10	1.0E-08	2.1E-08	3.8E-08	3.5E-08	7.6E-09	1.1E-07
277	W_91	387407.3	3743561.78	387407.3, 3743561.78	4.84E-05	2.47E-04	1.7E-08	5.1E-08	2.6E-07	1.5E-07	1.4E-07	6.17E-08	6.6E-10	1.1E-08	2.7E-08	4.9E-08	4.5E-08	9.7E-09	1.4E-07
278	W_9;	387407.3	3743611.78	387407.3, 3743611.78	4.96E-05	2.19E-04	1.7E-08	5.2E-08	2.3E-07	1.3E-07	1.2E-07	5.48E-08	6.8E-10	1.1E-08	2.4E-08	4.4E-08	4.0E-08	8.6E-09	1.3E-07
279	W_9:	387453.88	3743868.51	387453.88, 3743868.51	4.17E-05	2.30E-04	1.4E-08	4.4E-08	2.4E-07	1.4E-07	1.3E-07	5.75E-08	5.7E-10	9.1E-09	2.5E-08	4.6E-08	4.2E-08	9.1E-09	1.3E-07
280	W_9·	387453.88	3743918.51	387453.88, 3743918.51	4.26E-05	2.22E-04	1.5E-08	4.4E-08	2.3E-07	1.3E-07	1.2E-07	5.57E-08	5.8E-10	9.3E-09	2.4E-08	4.4E-08	4.0E-08	8.8E-09	1.3E-07
281	W_9!	387453.88	3743968.51	387453.88, 3743968.51	4.34E-05	2.15E-04	1.5E-08	4.5E-08	2.2E-07	1.3E-07	1.2E-07	5.37E-08	5.9E-10	9.5E-09	2.4E-08	4.3E-08	3.9E-08	8.5E-09	1.2E-07
282	W_9(	387453.88	3744018.51	387453.88, 3744018.51	4.43E-05	2.03E-04	1.5E-08	4.6E-08	2.1E-07	1.2E-07	1.1E-07	5.08E-08	6.0E-10	9.7E-09	2.2E-08	4.1E-08	3.7E-08	8.0E-09	1.2E-07
283	W_9'	387453.88	3744068.51	387453.88, 3744068.51	4.53E-05	1.88E-04	1.6E-08	4.7E-08	2.0E-07	1.1E-07	1.0E-07	4.70E-08	6.2E-10	9.9E-09	2.1E-08	3.7E-08	3.4E-08	7.4E-09	1.1E-07
284	W_9!	387503.88	3743968.51	387503.88, 3743968.51	4.63E-05	2.56E-04	1.6E-08	4.8E-08	2.7E-07	1.6E-07	1.4E-07	6.41E-08	6.3E-10	1.0E-08	2.8E-08	5.1E-08	4.6E-08	1.0E-08	1.5E-07
285	W_9!	387503.88	3744018.51	387503.88, 3744018.51	4.73E-05	2.40E-04	1.6E-08	4.9E-08	2.5E-07	1.5E-07	1.3E-07	6.00E-08	6.4E-10	1.0E-08	2.6E-08	4.8E-08	4.3E-08	9.5E-09	1.4E-07
286	W_1(	387503.88	3744068.51	387503.88, 3744068.51	4.85E-05	2.20E-04	1.7E-08	5.1E-08	2.3E-07	1.3E-07	1.2E-07	5.49E-08	6.6E-10	1.1E-08	2.4E-08	4.4E-08	4.0E-08	8.7E-09	1.3E-07
287	W_1(	387503.88	3744118.51	387503.88, 3744118.51	4.09E-05	1.98E-04	1.4E-08	4.3E-08	2.1E-07	1.2E-07	1.1E-07	4.95E-08	5.6E-10	9.0E-09	2.2E-08	4.0E-08	3.6E-08	7.8E-09	1.1E-07
288	W_1(	387553.88	3744068.51	387553.88, 3744068.51	4.17E-05	2.62E-04	1.4E-08	4.4E-08	2.7E-07	1.6E-07	1.4E-07	6.56E-08	5.7E-10	9.1E-09	2.9E-08	5.2E-08	4.7E-08	1.0E-08	1.5E-07
289	W_1(	387553.88	3744118.51	387553.88, 3744118.51	4.26E-05	2.34E-04	1.5E-08	4.5E-08	2.4E-07	1.4E-07	1.3E-07	5.84E-08	5.8E-10	9.3E-09	2.6E-08	4.7E-08	4.2E-08	9.2E-09	1.3E-07
290	R_12(	387015.27	3744263.55	387015.27, 3744263.55	4.35E-05	5.94E-05	1.5E-08	4.5E-08	6.2E-08	3.6E-08	3.3E-08	1.49E-08	5.9E-10	9.5E-09	6.5E-09	1.2E-08	1.1E-08	2.3E-09	4.2E-08
291	R_12:	387015.27	3744313.55	387015.27, 3744313.55	4.44E-05	5.57E-05	1.5E-08	4.6E-08	5.8E-08	3.4E-08	3.1E-08	1.39E-08	6.0E-10	9.7E-09	6.1E-09	1.1E-08	1.0E-08	2.2E-09	4.0E-08
292	R_12;	387015.27	3744363.55	387015.27, 3744363.55	4.54E-05	5.20E-05	1.6E-08	4.7E-08	5.4E-08	3.1E-08	2.9E-08	1.30E-08	6.2E-10	9.9E-09	5.7E-09	1.0E-08	9.4E-09	2.1E-09	3.8E-08
293	R_12:	387015.27	3744413.55	387015.27, 3744413.55	4.64E-05	4.81E-05	1.6E-08	4.9E-08	5.0E-08	2.9E-08	2.6E-08	1.20E-08	6.3E-10	1.0E-08	5.3E-09	9.6E-09	8.7E-09	1.9E-09	3.6E-08
294	R_12·	387015.27	3744463.55	387015.27, 3744463.55	4.75E-05	4.45E-05	1.6E-08	5.0E-08	4.7E-08	2.7E-08	2.4E-08	1.11E-08	6.5E-10	1.0E-08	4.9E-09	8.9E-09	8.1E-09	1.8E-09	3.5E-08
295	R_12!	387015.27	3744513.55	387015.27, 3744513.55	4.02E-05	4.12E-05	1.4E-08	4.2E-08	4.3E-08	2.5E-08	2.3E-08	1.03E-08	5.5E-10	8.8E-09	4.5E-09	8.2E-09	7.5E-09	1.6E-09	3.1E-08
296	R_12(	387015.27	3744563.55	387015.27, 3744563.55	4.10E-05	3.84E-05	1.4E-08	4.3E-08	4.0E-08	2.3E-08	2.1E-08	9.61E-09	5.6E-10	9.0E-09	4.2E-09	7.7E-09	6.9E-09	1.5E-09	3.0E-08
297	R_12'	387015.27	3744613.55	387015.27, 3744613.55	4.18E-05	3.60E-05	1.4E-08	4.4E-08	3.8E-08	2.2E-08	2.0E-08	9.01E-09	5.7E-10	9.2E-09	3.9E-09	7.2E-09	6.5E-09	1.4E-09	2.9E-08
298	R_12!	387015.27	3744663.55	387015.27, 3744663.55	4.27E-05	3.40E-05	1.5E-08	4.5E-08	3.6E-08	2.1E-08	1.9E-08	8.51E-09	5.8E-10	9.3E-09	3.7E-09	6.8E-09	6.2E-09	1.3E-09	2.8E-08
299	R_12!	387015.27	3744713.55	387015.27, 3744713.55	4.36E-05	3.22E-05	1.5E-08	4.6E-08	3.4E-08	2.0E-08	1.8E-08	8.07E-09	5.9E-10	9.5E-09	3.5E-09	6.4E-09	5.8E-09	1.3E-09	2.7E-08
300	R_13(	387015.27	3744763.55	387015.27, 3744763.55	4.46E-05	3.08E-05	1.5E-08	4.7E-08	3.2E-08	1.9E-08	1.7E-08	7.71E-09	6.1E-10	9.8E-09	3.4E-09	6.2E-09	5.6E-09	1.2E-09	2.7E-08
301	R_13:	387015.27	3744813.55	387015.27, 3744813.55	4.56E-05	2.96E-05	1.6E-08	4.8E-08	3.1E-08	1.8E-08	1.6E-08	7.40E-09	6.2E-10	1.0E-08	3.2E-09	5.9E-09	5.4E-09	1.2E-09	2.6E-08
302	R_13;	387015.27	3744863.55	387015.27, 3744863.55	4.67E-05	2.84E-05	1.6E-08	4.9E-08	3.0E-08	1.7E-08	1.6E-08	7.10E-09	6.3E-10	1.0E-08	3.1E-09	5.7E-09	5.1E-09	1.1E-09	2.6E-08
303	R_13:	387065.27	3744263.55	387065.27, 3744263.55	3.95E-05	6.36E-05	1.4E-08	4.1E-08	6.6E-08	3.8E-08	3.5E-08	1.59E-08	5.4E-10	8.6E-09	7.0E-09	1.3E-08	1.2E-08	2.5E-09	4.3E-08
304	R_13·	387065.27	3744313.55	387065.27, 3744313.55	4.03E-05	5.92E-05	1.4E-08	4.2E-08	6.2E-08	3.6E-08	3.2E-08	1.48E-08	5.5E-10	8.8E-09	6.5E-09	1.2E-08	1.1E-08	2.3E-09	4.1E-08
305	R_13!	387065.27	3744363.55	387065.27, 3744363.55	4.11E-05	5.48E-05	1.4E-08	4.3E-08	5.7E-08	3.3E-08	3.0E-08	1.37E-08	5.6E-10	9.0E-09	6.0E-09	1.1E-08	9.9E-09	2.2E-09	3.9E-08
306	R_13(	387065.27	3744413.55	387065.27, 3744413.55	4.20E-05	5.06E-05	1.5E-08	4.4E-08	5.3E-08	3.1E-08	2.8E-08	1.27E-08	5.7E-10	9.2E-09	5.5E-09	1.0E-08	9.2E-09	2.0E-09	3.7E-08
307	R_13'	387065.27	3744463.55	387065.27, 3744463.55	4.29E-05	4.66E-05	1.5E-08	4.5E-08	4.9E-08	2.8E-08	2.6E-08	1.17E-08	5.8E-10	9.4E-09	5.1E-09	9.3E-09	8.4E-09	1.8E-09	3.5E-08
308	R_13!	387065.27	3744513.55	387065.27, 3744513.55	4.38E-05	4.32E-05	1.5E-08	4.6E-08	4.5E-08	2.6E-08	2.4E-08	1.08E-08	6.0E-10	9.6E-09	4.7E-09	8.6E-09	7.8E-09	1.7E-09	3.3E-08
309	R_13!	387065.27	3744563.55	387065.27, 3744563.55	4.48E-05	4.02E-05	1.6E-08	4.7E-08	4.2E-08	2.4E-08	2.2E-08	1.01E-08	6.1E-10	9.8E-09	4.4E-09	8.0E-09	7.3E-09	1.6E-09	3.2E-08
310	R_14(	387065.27	3744613.55	387065.27, 3744613.55	4.59E-05	3.78E-05	1.6E-08	4.8E-08	4.0E-08	2.3E-08	2.1E-08	9.46E-09	6.2E-10	1.0E-08	4.1E-09	7.5E-09	6.8E-09	1.5E-09	3.1E-08
311	R_14:	387065.27	3744663.55	387065.27, 3744663.55	3.89E-05	3.58E-05	1.3E-08	4.1E-08	3.7E-08	2.2E-08	2.0E-08	8.96E-09	5.3E-10	8.5E-09	3.9E-09	7.1E-09	6.5E-09	1.4E-09	2.8E-08
312	R_14;	387065.27	3744713.55	387065.27, 3744713.55	3.97E-05	3.40E-05	1.4E-08	4.1E-08	3.6E-08	2.1E-08	1.9E-08	8.50E-09	5.4E-10	8.7E-09	3.7E-09	6.8E-09	6.2E-09	1.3E-09	2.7E-08
313	R_14:	387065.27	3744763.55	387065.27, 3744763.55	4.05E-05	3.24E-05	1.4E-08	4.2E-08	3.4E-08	2.0E-08	1.8E-08	8.11E-09	5.5E-10	8.9E-09	3.5E-09	6.5E-09	5.9E-09	1.3E-09	2.7E-08
314	R_14·	387065.27	3744813.55	387065.27, 3744813.55	4.13E-05	3.11E-05	1.4E-08	4.3E-08	3.3E-08	1.9E-08	1.7E-08	7.78E-09	5.6E-10	9.0E-09	3.4E-09	6.2E-09	5.6E-09	1.2E-09	2.6E-08
315	R_14!	387065.27	3744863.55	387065.27, 3744863.55	4.22E-05	2.97E-05	1.5E-08	4.4E-08	3.1E-08	1.8E-08	1.6E-08	7.43E-09	5.7E-10	9.2E-09	3.2E-09	5.9E-09	5.4E-09	1.2E-09	2.6E-08
316	R_14(	387115.27	3744263.55	387115.27, 3744263.55	4.31E-05	6.80E-05	1.5E-08	4.5E-08	7.1E-08	4.1E-08	3.7E-08	1.70E-08	5.9E-10	9.4E-09	7.4E-09	1.4E-08	1.2E-08	2.7E-09	4.6E-08
317	R_14'	387115.27	3744313.55	387115.27, 3744313.55	4.42E-05	6.30E-05	1.5E-08	4.6E-08	6.6E-08	3.8E-08	3.5E-08	1.58E-08	6.0E-10	9.7E-09	6.9E-09	1.3E-08	1.1E-08	2.5E-09	4.4E-08
318	R_14!	387115.27	3744363.55	387115.27, 3744363.55	4.52E-05	5.80E-05	1.6E-08	4.7E-08	6.1E-08	3.5E-08	3.2E-08	1.45E-08	6.1E-10	9.9E-09	6.4E-09	1.2E-08	1.1E-08	2.3E-09	4.1E-08
319	R_14!	387115.27	3744413.55	387115.27, 3744413.55	3.83E-05	5.34E-05	1.3E-08	4.0E-08	5.6E-08	3.2E-08	2.9E-08	1.34E-08	5.2E-10	8.4E-09	5.8E-09	1.1E-08	9.7E-09	2.1E-09	3.7E-08
320	R_15(	387115.27	3744463.55	387115.27, 3744463.55	3.91E-05	4.91E-05	1.4E-08	4.1E-08	5.1E-08	3.0E-08	2.7E-08	1.23E-08	5.3E-10	8.6E-09	5.4E-09	9.8E-09	8.9E-09	1.9E-09	3.5E-08
321	R_15:	387115.27	3744513.55	387115.27, 3744513.55	3.99E-05	4.55E-05	1.4E-08	4.2E-08	4.8E-08	2.8E-08	2.5E-08	1.14E-08	5.4E-10	8.7E-09	5.0E-09	9.1E-09	8.2E-09	1.8E-09	3.3E-08
322	R_15;	387115.27	3744563.55	387115.27, 3744563.55	4.07E-05	4.24E-05	1.4E-08	4.3E-08	4.4E-08	2.6E-08	2.3E-08	1.06E-08	5.5E-10	8.9E-09	4.6E-09	8.5E-09	7.7E-09	1.7E-09	3.2E-08
323	R_15:	387115.27	3744613.55	387115.27, 3744613.55	4.16E-05	3.99E-05	1.4E-08	4.4E-08	4.2E-08	2.4E-08	2.2E-08	9.98E-09	5.7E-10	9.1E-09	4.4E-09	8.0E-09	7.2E-09	1.6E-09	3.1E-08
324	R_15·	387115.27	3744663.55	387115.27, 3744663.55	4.25E-05	3.78E-05	1.5E-08	4.4E-08	4.0E-08	2.3E-08	2.1E-08	9.47E-09	5.8E-10	9.3E-09	4.1E-09	7.6E-09	6.8E-09	1.5E-09	3.0E-08
325	R_15!	387115.27	3744713.55	387115.27, 3744713.55	4.35E-05	3.60E-05	1.5E-08	4.6E-08	3.8E-08	2.2E-08	2.0E-08	9.00E-09	5.9E-10	9.5E-09	3.9E-09	7.2E-09	6.5E-09	1.4E-09	2.9E-08
326	R_15(	387115.27	3744763.55	387115.27, 3744763.55	4.45E-05	3.42E-05	1.5E-08	4.7E-08	3.6E-08	2.1E-08	1.9E-08	8.55E-09	6.1E-10	9.7E-09	3.7E-09	6.8E-09	6.2E-09	1.3E-09	2.8E-08
327	R_15'	387115.27	3744813.55	387115.27, 3744813.55	5.47E-05	3.27E-05	1.9E-08	5.7E-08	3.4E-08	2.0E-08	1.8E-08	8.18E-09	7.4E-10	1.2E-08	3.6E-09	6.5E-09	5.9E-09	1.3E-09	3.0E-08
328	R_15!	387115.27	3744863.55	387115.27, 3744863.55	5.63E-05	3.11E-05	1.9E-08	5.9E-08	3.3E-08	1.9E-08	1.7E-08	7.79E-09	7.7E-10	1.2E-08	3.4E-09	6.2E-09	5.6E-09	1.2E-09	3.0E-08
329	R_15!	387165.27	3744263.55	387165.27, 3744263.55	5.79E-05	7.31E-05	2.0E-08	6.1E-08	7.6E-08	4.4E-08	4.0E-08	1.83E-08	7.9E-10	1.3E-08	8.0E-09	1.5E-08	1.3E-08	2.9E-09	5.2E-08
330	R_16(	387165.27	3744313.55	387165.27, 3744313.55	5.96E-05	6.73E-05	2.1E-08	6.2E-08	7.0E-08	4.1E-08	3.7E-08	1.68E-08	8.1E-10	1.3E-08	7.4E-09	1.3E-08	1.2E-08	2.7E-09	5.0E-08
331	R_16:	387165.27	3744363.55	387165.27, 3744363.55	6.14E-05	6.16E-05	2.1E-08	6.4E-08	6.4E-08	3.7E-08	3.4E-08	1.54E-08	8.4E-10	1.3E-08	6.7E-09	1.2E-08	1.1E-08	2.4E-09	4.7E-08
332	R_16;	387165.27	3744413.55	387165.27, 3744413.55	6.33E-05	5.65E-05	2.2E-08	6.6E-08	5.9E-08	3.4E-08	3.1E-08	1.41E-08	8.6E-10	1.4E-08	6.2E-09	1.1E-08	1.0E-08	2.2E-09	4.5E-08
333	R_16:	387165.27	3744463.55	387165.27, 3744463.55	6.53E-05	5.19E-05	2.3E-08	6.8E-08	5.4E-08	3.1E-08	2.8E-08	1.30E-08	8.9E-10	1.4E-08	5.7E-09	1.0E-08	9.4E-09	2.1E-09	4.3E-08
334	R_16·	387165.27	3744513.55	387165.27, 3744513.55	6.75E-05	4.81E-05	2.3E-08	7.1E-08	5.0E-08	2.9E-08	2.6E-08	1.20E-08	9.2E-10	1.5E-08	5.3E-09	9.6E-09	8.7E-09	1.9E-09	4.1E-08
335	R_16!	387165.27	3744563.55	387165.27, 3744563.55	6.95E-05	4.50E-05	2.4E-08	7.3E-08	4.7E-08	2.7E-08	2.5E-08	1.13E-08	9.5E-10	1.5E-08	4.9E-09	9.0E-09	8.1E-09	1.8E-09	4.0E-08
336	R_16(	387165.27	3744613.55	387165.27, 3744613.55	7.21E-05	4.23E-05	2.5E-08	7.5E-08	4.4E-08	2.6E-08	2.3E-08	1.06E-08	9.8E-10	1.6E-08	4.6E-09	8.5E-09	7.7E-09	1.7E-09	3.9E-08
337	R_16'	387165.27	3744663.55	387165.27, 3744663.55	7.45E-05	4.01E-05	2.6E-08	7.8E-08	4.2E-08	2.4E-08	2.2E-08	1.00E-08	1.0E-09	1.6E-08	4.4E-09	8.0E-09	7.3E-09	1.6E-09	3.9E-08
338	R_16!	387165.27	3744713.55	387165.27, 3744713.55	7.73E-05	3.80E-05	2.7E-08	8.1E-08	4.0E-08	2.3E-08	2.1E-08	9.52E-09	1.1E-09	1.7E-08	4.2E-09	7.6E-09	6.9E-09	1.5E-09	3.8E-08
339	R_16!	387165.27	3744763.55	387165.27, 3744763.55	8.03E-05	3.61E-05	2.8E-08	8.4E-08	3.8E-08	2.2E-08	2.0E-08	9.04E-09	1.1E-09	1.8E-08	4.0E-09	7.2E-09	6.5E-09	1.4E-09	3.8E-08
340	R_17(	387165.27	3744813.55	387165.27, 3744813.55	8.35E-05	3.44E-05	2.9E-08	8.7E-08	3.6E-08	2.1E-08	1.9E-08	8.61E-09	1.1E-09	1.8E-08	3.8E-09	6.9E-09	6.2E-09	1.4E-09	3.8E-08
341	R_17:	387165.27	3744863.55	387165.27, 3744863.55	8.70E-05	3.28E-05	3.0E-08	9.1E-08	3.4E-08	2.0E-08	1.8E-08	8.20E-09	1.2E-09	1.9E-08	3.6E-09	6.5E-09	5.9E-09	1.3E-09	3.8E-08
342	R_17;	387215.27	3744263.55	387215.27, 3744263.55	9.08E-05	7.89E-05	3.1E-08	9.5E-08	8.2E-08	4.8E-08	4.3E-08	1.97E-08	1.2E-09	2.0E-08	8.6E-09	1.6E-08	1.4E-08	3.1E-09	6.3E-08
343	R_17:	387215.27	3744313.55	387215.27, 3744313.55	9.50E-05	7.20E-05	3.3E-08	9.9E-08	7.5E-08	4.4E-08	3.9E-08	1.80E-08	1.3E-09	2.1E-08	7.9E-09	1.4E-08	1.3E-08	2.8E-09	6.0E-08
344	R_17·	387215.27	3744363.55	387215.27, 3744363.55	9.97E-05	6.57E-05	3.5E-08	1.0E-07	6.9E-08	4.0E-08	3.6E-08	1.64E-08	1.4E-09	2.2E-08	7.2E-09	1.3E-08	1.2E-08	2.6E-09	5.8E-08
345	R_17!	387215.27	3744413.55	387215.27, 3744413.55	1.51E-04	6.01E-05	5.2E-08	1.6E-07	6.3E-08	3.6E-08	3.3E-08	1.50E-08	2.1E-09	3.3E-08	6.6E-09	1.2E-08	1.1E-08	2.4E-09	6.7E-08
346	R_17(	387215.27	3744463.55	387215.27, 3744463.55	1.58E-04	5.53E-05	5.5E-08	1.7E-07	5.8E-08	3.3E-08	3.0E-08	1.38E-08	2.2E-09	3.5E-08	6.1E-09	1.1E-08	1.0E-08	2.2E-09	6.6E-08
347	R_17'	387215.27	3744513.55	387215.27, 3744513.55	1.67E-04	5.13E-05	5.8E-08	1.7E-07	5.4E-08	3.1E-08	2.8E-08	1.28E-08	2.3E-09	3.7E-08	5.6E-09	1.0E-08	9.3E-09	2.0E-09	6.6E-08
348	R_17!	387215.27	3744563.55	387215.27, 3744563.55	1.76E-04	4.81E-05	6.1E-08	1.8E-07	5.0E-08	2.9E-08	2.6E-08	1.20E-08	2.4E-09	3.9E-08	5.3E-09	9.6E-09	8.7E-09	1.9E-09	6.6E-08
349	R_17!	387215.27	3744613.55	387215.27, 3744613.55	1.87E-04	4.52E-05	6.5E-08	2.0E-07	4.7E-08	2.7E-08	2.5E-08	1.13E-08	2.5E-09	4.1E-08	5.0E-09	9.0E-09	8.2E-09	1.8E-09	6.7E-08
350	R_18(	387215.27	3744663.55	387215.27, 3744663.55	1.98E-04	4.26E-05	6.8E-08	2.1E-07	4.5E-08	2.6E-08	2.3E-08	1.07E-08	2.7E-09	4.3E-08	4.7E-09	8.5E-09	7.7E-09	1.7E-09	6.9E-08
351	R_18:	387215.27	3744713.55	387215.27, 3744713.55	2.08E-04	4.04E-05	7.2E-08	2.2E-07	4.2E-08	2.4E-08	2.2E-08	1.01E-08	2.8E-09	4.6E-08	4.4E-09	8.1E-09	7.3E-09	1.6E-09	7.0E-08
352	R_18;	387215.27	3744763.55	387215.27, 3744763.55	2.18E-04	3.83E-05	7.5E-08	2.3E-07	4.0E-08	2.3E-08	2.1E-08	9.58E-09	3.0E-09	4.8E-08	4.2E-09	7.6E-09	6.9E-09	1.5E-09	7.1E-08
353	R_18:	387215.27	3744813.55	387215.27, 3744813.55	2.27E-04	3.63E-05	7.9E-08	2.4E-07	3.8E-08	2.2E-08	2.0E-08	9.08E-09	3.1E-09	5.0E-08	4.0E-09	7.2E-09	6.6E-09	1.4E-09	7.2E-08

354	R_18	387215.27	3744863.55	387215.27, 3744863.55	2.36E-04	3.44E-05	8.2E-08	2.5E-07	3.6E-08	2.1E-08	1.9E-08	8.60E-09	3.2E-09	5.2E-08	3.8E-09	6.9E-09	6.2E-09	1.4E-09	7.3E-08
355	R_18	387265.27	3744263.55	387265.27, 3744263.55	2.43E-04	8.54E-05	8.4E-08	2.5E-07	8.9E-08	5.2E-08	4.7E-08	2.14E-08	3.3E-09	5.3E-08	9.4E-09	1.7E-08	1.5E-08	3.4E-09	1.0E-07
356	R_18	387265.27	3744313.55	387265.27, 3744313.55	2.51E-04	7.76E-05	8.7E-08	2.6E-07	8.1E-08	4.7E-08	4.3E-08	1.94E-08	3.4E-09	5.5E-08	8.5E-09	1.5E-08	1.4E-08	3.1E-09	1.0E-07
357	R_18	387265.27	3744363.55	387265.27, 3744363.55	2.61E-04	7.05E-05	9.0E-08	2.7E-07	7.4E-08	4.3E-08	3.9E-08	1.76E-08	3.5E-09	5.7E-08	7.7E-09	1.4E-08	1.3E-08	2.8E-09	9.8E-08
358	R_18	387265.27	3744413.55	387265.27, 3744413.55	2.67E-04	6.44E-05	9.2E-08	2.8E-07	6.7E-08	3.9E-08	3.5E-08	1.61E-08	3.6E-09	5.8E-08	7.1E-09	1.3E-08	1.2E-08	2.5E-09	9.6E-08
359	R_18	387265.27	3744463.55	387265.27, 3744463.55	5.37E-05	5.94E-05	1.9E-08	5.6E-08	6.2E-08	3.6E-08	3.3E-08	1.49E-08	7.3E-10	1.2E-08	6.5E-09	1.2E-08	1.1E-08	2.3E-09	4.4E-08
360	R_19	387265.27	3744513.55	387265.27, 3744513.55	5.52E-05	5.51E-05	1.9E-08	5.8E-08	5.8E-08	3.3E-08	3.0E-08	1.38E-08	7.5E-10	1.2E-08	6.0E-09	1.1E-08	1.0E-08	2.2E-09	4.2E-08
361	R_19	387265.27	3744563.55	387265.27, 3744563.55	5.68E-05	5.15E-05	2.0E-08	5.9E-08	5.4E-08	3.1E-08	2.8E-08	1.29E-08	7.7E-10	1.2E-08	5.6E-09	1.0E-08	9.3E-09	2.0E-09	4.0E-08
362	R_19	387265.27	3744613.55	387265.27, 3744613.55	5.85E-05	4.84E-05	2.0E-08	6.1E-08	5.1E-08	2.9E-08	2.7E-08	1.21E-08	7.9E-10	1.3E-08	5.3E-09	9.7E-09	8.8E-09	1.9E-09	3.9E-08
363	R_19	387265.27	3744663.55	387265.27, 3744663.55	6.01E-05	4.55E-05	2.1E-08	6.3E-08	4.8E-08	2.8E-08	2.5E-08	1.14E-08	8.2E-10	1.3E-08	5.0E-09	9.1E-09	8.2E-09	1.8E-09	3.8E-08
364	R_19	387265.27	3744713.55	387265.27, 3744713.55	6.19E-05	4.29E-05	2.1E-08	6.5E-08	4.5E-08	2.6E-08	2.4E-08	1.07E-08	8.4E-10	1.4E-08	4.7E-09	8.6E-09	7.8E-09	1.7E-09	3.7E-08
365	R_19	387265.27	3744763.55	387265.27, 3744763.55	6.38E-05	4.06E-05	2.2E-08	6.7E-08	4.2E-08	2.5E-08	2.2E-08	1.02E-08	8.7E-10	1.4E-08	4.4E-09	8.1E-09	7.3E-09	1.6E-09	3.6E-08
366	R_19	387265.27	3744813.55	387265.27, 3744813.55	6.57E-05	3.83E-05	2.3E-08	6.9E-08	4.0E-08	2.3E-08	2.1E-08	9.58E-09	8.9E-10	1.4E-08	4.2E-09	7.6E-09	6.9E-09	1.5E-09	3.6E-08
367	R_19	387265.27	3744863.55	387265.27, 3744863.55	6.77E-05	3.61E-05	2.3E-08	7.1E-08	3.8E-08	2.2E-08	2.0E-08	9.04E-09	9.2E-10	1.5E-08	4.0E-09	7.2E-09	6.5E-09	1.4E-09	3.5E-08
368	R_19	387315.27	3744263.55	387315.27, 3744263.55	6.98E-05	9.31E-05	2.4E-08	7.3E-08	9.7E-08	5.6E-08	5.1E-08	2.33E-08	9.5E-10	1.5E-08	1.0E-08	1.9E-08	1.7E-08	3.7E-09	6.6E-08
369	R_19	387315.27	3744313.55	387315.27, 3744313.55	7.24E-05	8.41E-05	2.5E-08	7.6E-08	8.8E-08	5.1E-08	4.6E-08	2.10E-08	9.8E-10	1.6E-08	9.2E-09	1.7E-08	1.5E-08	3.3E-09	6.1E-08
370	R_20	387315.27	3744363.55	387315.27, 3744363.55	7.49E-05	7.62E-05	2.6E-08	7.8E-08	8.0E-08	4.6E-08	4.2E-08	1.91E-08	1.0E-09	1.6E-08	8.3E-09	1.5E-08	1.4E-08	3.0E-09	5.8E-08
371	R_20	387315.27	3744413.55	387315.27, 3744413.55	7.77E-05	6.97E-05	2.7E-08	8.1E-08	7.3E-08	4.2E-08	3.8E-08	1.74E-08	1.1E-09	1.7E-08	7.6E-09	1.4E-08	1.3E-08	2.8E-09	5.5E-08
372	R_20	387315.27	3744463.55	387315.27, 3744463.55	8.07E-05	6.42E-05	2.8E-08	8.4E-08	6.7E-08	3.9E-08	3.5E-08	1.61E-08	1.1E-09	1.8E-08	7.0E-09	1.3E-08	1.2E-08	2.5E-09	5.3E-08
373	R_20	387315.27	3744513.55	387315.27, 3744513.55	8.40E-05	5.96E-05	2.9E-08	8.8E-08	6.2E-08	3.6E-08	3.3E-08	1.49E-08	1.1E-09	1.8E-08	6.5E-09	1.2E-08	1.1E-08	2.4E-09	5.1E-08
374	R_20	387315.27	3744563.55	387315.27, 3744563.55	8.75E-05	5.56E-05	3.0E-08	9.1E-08	5.8E-08	3.4E-08	3.0E-08	1.39E-08	1.2E-09	1.9E-08	6.1E-09	1.1E-08	1.0E-08	2.2E-09	5.0E-08
375	R_20	387315.27	3744613.55	387315.27, 3744613.55	9.14E-05	5.20E-05	3.2E-08	9.6E-08	5.4E-08	3.1E-08	2.9E-08	1.30E-08	1.2E-09	2.0E-08	5.7E-09	1.0E-08	9.4E-09	2.1E-09	4.9E-08
376	R_20	387315.27	3744663.55	387315.27, 3744663.55	9.52E-05	4.87E-05	3.3E-08	1.0E-07	5.1E-08	2.9E-08	2.7E-08	1.22E-08	1.3E-09	2.1E-08	5.3E-09	9.7E-09	8.8E-09	1.9E-09	4.8E-08
377	R_20	387315.27	3744713.55	387315.27, 3744713.55	1.40E-04	4.57E-05	4.8E-08	1.5E-07	4.8E-08	2.8E-08	2.5E-08	1.14E-08	1.9E-09	3.1E-08	5.0E-09	9.1E-09	8.3E-09	1.8E-09	5.7E-08
378	R_20	387315.27	3744763.55	387315.27, 3744763.55	1.46E-04	4.30E-05	5.1E-08	1.5E-07	4.5E-08	2.6E-08	2.4E-08	1.08E-08	2.0E-09	3.2E-08	4.7E-09	8.6E-09	7.8E-09	1.7E-09	5.7E-08
379	R_20	387315.27	3744813.55	387315.27, 3744813.55	1.54E-04	4.04E-05	5.3E-08	1.6E-07	4.2E-08	2.4E-08	2.2E-08	1.01E-08	2.1E-09	3.4E-08	4.4E-09	8.1E-09	7.3E-09	1.6E-09	5.7E-08
380	R_21	387315.27	3744863.55	387315.27, 3744863.55	1.62E-04	3.81E-05	5.6E-08	1.7E-07	4.0E-08	2.3E-08	2.1E-08	9.54E-09	2.2E-09	3.5E-08	4.2E-09	7.6E-09	6.9E-09	1.5E-09	5.8E-08
381	R_21	387365.27	3744263.55	387365.27, 3744263.55	1.71E-04	1.02E-04	5.9E-08	1.8E-07	1.1E-07	6.2E-08	5.6E-08	2.56E-08	2.3E-09	3.7E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	9.4E-08
382	R_21	387365.27	3744313.55	387365.27, 3744313.55	1.80E-04	9.20E-05	6.2E-08	1.9E-07	9.6E-08	5.6E-08	5.0E-08	2.30E-08	2.4E-09	3.9E-08	1.0E-08	1.8E-08	1.7E-08	3.6E-09	9.1E-08
383	R_21	387365.27	3744363.55	387365.27, 3744363.55	1.89E-04	8.33E-05	6.5E-08	2.0E-07	8.7E-08	5.0E-08	4.6E-08	2.09E-08	2.6E-09	4.1E-08	9.1E-09	1.7E-08	1.5E-08	3.3E-09	8.8E-08
384	R_21	387365.27	3744413.55	387365.27, 3744413.55	1.96E-04	7.61E-05	6.8E-08	2.0E-07	8.0E-08	4.6E-08	4.2E-08	1.90E-08	2.7E-09	4.3E-08	8.3E-09	1.5E-08	1.4E-08	3.0E-09	8.6E-08
385	R_21	387365.27	3744463.55	387365.27, 3744463.55	2.05E-04	7.01E-05	7.1E-08	2.1E-07	7.3E-08	4.2E-08	3.8E-08	1.75E-08	2.8E-09	4.5E-08	7.7E-09	1.4E-08	1.3E-08	2.8E-09	8.5E-08
386	R_21	387365.27	3744513.55	387365.27, 3744513.55	2.12E-04	6.49E-05	7.3E-08	2.2E-07	6.8E-08	3.9E-08	3.6E-08	1.62E-08	2.9E-09	4.6E-08	7.1E-09	1.3E-08	1.2E-08	2.6E-09	8.4E-08
387	R_21	387365.27	3744563.55	387365.27, 3744563.55	2.18E-04	6.03E-05	7.6E-08	2.3E-07	6.3E-08	3.6E-08	3.3E-08	1.51E-08	3.0E-09	4.8E-08	6.6E-09	1.2E-08	1.1E-08	2.4E-09	8.3E-08
388	R_21	387365.27	3744613.55	387365.27, 3744613.55	2.25E-04	5.62E-05	7.8E-08	2.3E-07	5.9E-08	3.4E-08	3.1E-08	1.41E-08	3.1E-09	4.9E-08	6.2E-09	1.1E-08	1.0E-08	2.2E-09	8.2E-08
389	R_21	387365.27	3744663.55	387365.27, 3744663.55	2.31E-04	5.23E-05	8.0E-08	2.4E-07	5.5E-08	3.2E-08	2.9E-08	1.31E-08	3.1E-09	5.1E-08	5.7E-09	1.0E-08	9.5E-09	2.1E-09	8.1E-08
390	R_22	387365.27	3744713.55	387365.27, 3744713.55	2.36E-04	4.88E-05	8.2E-08	2.5E-07	5.1E-08	3.0E-08	2.7E-08	1.22E-08	3.2E-09	5.2E-08	5.3E-09	9.7E-09	8.8E-09	1.9E-09	8.1E-08
391	R_22	387365.27	3744763.55	387365.27, 3744763.55	5.26E-05	4.57E-05	1.8E-08	5.5E-08	4.8E-08	2.8E-08	2.5E-08	1.14E-08	7.2E-10	1.2E-08	5.0E-09	9.1E-09	8.3E-09	1.8E-09	3.6E-08
392	R_22	387365.27	3744813.55	387365.27, 3744813.55	5.38E-05	4.28E-05	1.9E-08	5.6E-08	4.5E-08	2.6E-08	2.3E-08	1.07E-08	7.3E-10	1.2E-08	4.7E-09	8.5E-09	7.7E-09	1.7E-09	3.5E-08
393	R_22	387365.27	3744863.55	387365.27, 3744863.55	5.53E-05	4.01E-05	1.9E-08	5.8E-08	4.2E-08	2.4E-08	2.2E-08	1.00E-08	7.5E-10	1.2E-08	4.4E-09	8.0E-09	7.3E-09	1.6E-09	3.4E-08
394	R_22	387415.27	3744313.55	387415.27, 3744313.55	5.68E-05	1.02E-04	2.0E-08	5.9E-08	1.1E-07	6.2E-08	5.6E-08	2.55E-08	7.7E-10	1.2E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	6.7E-08
395	R_22	387415.27	3744363.55	387415.27, 3744363.55	5.85E-05	9.23E-05	2.0E-08	6.1E-08	9.6E-08	5.6E-08	5.1E-08	2.31E-08	8.0E-10	1.3E-08	1.0E-08	1.8E-08	1.7E-08	3.6E-09	6.2E-08
396	R_22	387415.27	3744413.55	387415.27, 3744413.55	6.01E-05	8.42E-05	2.1E-08	6.3E-08	8.8E-08	5.1E-08	4.6E-08	2.11E-08	8.2E-10	1.3E-08	9.2E-09	1.7E-08	1.5E-08	3.3E-09	5.9E-08
397	R_22	387415.27	3744463.55	387415.27, 3744463.55	6.19E-05	7.73E-05	2.1E-08	6.5E-08	8.1E-08	4.7E-08	4.2E-08	1.94E-08	8.4E-10	1.4E-08	8.5E-09	1.5E-08	1.4E-08	3.1E-09	5.5E-08
398	R_22	387415.27	3744513.55	387415.27, 3744513.55	6.34E-05	7.12E-05	2.2E-08	6.6E-08	7.4E-08	4.3E-08	3.9E-08	1.78E-08	8.6E-10	1.4E-08	7.8E-09	1.4E-08	1.3E-08	2.8E-09	5.2E-08
399	R_22	387415.27	3744563.55	387415.27, 3744563.55	6.52E-05	6.58E-05	2.3E-08	6.8E-08	6.9E-08	4.0E-08	3.6E-08	1.65E-08	8.9E-10	1.4E-08	7.2E-09	1.3E-08	1.2E-08	2.6E-09	5.0E-08
400	R_23	387415.27	3744613.55	387415.27, 3744613.55	6.75E-05	6.08E-05	2.3E-08	7.1E-08	6.4E-08	3.7E-08	3.3E-08	1.52E-08	9.2E-10	1.5E-08	6.7E-09	1.2E-08	1.1E-08	2.4E-09	4.8E-08
401	R_23	387415.27	3744663.55	387415.27, 3744663.55	6.97E-05	5.62E-05	2.4E-08	7.3E-08	5.9E-08	3.4E-08	3.1E-08	1.41E-08	9.5E-10	1.5E-08	6.2E-09	1.1E-08	1.0E-08	2.2E-09	4.6E-08
402	R_23	387415.27	3744713.55	387415.27, 3744713.55	7.15E-05	5.21E-05	2.5E-08	7.5E-08	5.4E-08	3.2E-08	2.9E-08	1.30E-08	9.7E-10	1.6E-08	5.7E-09	1.0E-08	9.4E-09	2.1E-09	4.4E-08
403	R_23	387415.27	3744763.55	387415.27, 3744763.55	7.40E-05	4.86E-05	2.6E-08	7.7E-08	5.1E-08	2.9E-08	2.7E-08	1.22E-08	1.0E-09	1.6E-08	5.3E-09	9.7E-09	8.8E-09	1.9E-09	4.3E-08
404	R_23	387415.27	3744813.55	387415.27, 3744813.55	7.67E-05	4.52E-05	2.7E-08	8.0E-08	4.7E-08	2.7E-08	2.5E-08	1.13E-08	1.0E-09	1.7E-08	5.0E-09	9.0E-09	8.2E-09	1.8E-09	4.2E-08
405	R_23	387415.27	3744863.55	387415.27, 3744863.55	7.98E-05	4.23E-05	2.8E-08	8.3E-08	4.4E-08	2.6E-08	2.3E-08	1.06E-08	1.1E-09	1.7E-08	4.6E-09	8.4E-09	7.7E-09	1.7E-09	4.1E-08
406	R_23	387465.27	3744513.55	387465.27, 3744513.55	8.31E-05	7.87E-05	2.9E-08	8.7E-08	8.2E-08	4.8E-08	4.3E-08	1.97E-08	1.1E-09	1.8E-08	8.6E-09	1.6E-08	1.4E-08	3.1E-09	6.1E-08
407	R_23	387465.27	3744563.55	387465.27, 3744563.55	8.68E-05	7.21E-05	3.0E-08	9.1E-08	7.5E-08	4.4E-08	4.0E-08	1.80E-08	1.2E-09	1.9E-08	7.9E-09	1.4E-08	1.3E-08	2.8E-09	5.8E-08
408	R_23	387465.27	3744613.55	387465.27, 3744613.55	9.11E-05	6.60E-05	3.2E-08	9.5E-08	6.9E-08	4.0E-08	3.6E-08	1.65E-08	1.2E-09	2.0E-08	7.2E-09	1.3E-08	1.2E-08	2.6E-09	5.6E-08
409	R_23	387465.27	3744663.55	387465.27, 3744663.55	1.29E-04	6.06E-05	4.5E-08	1.3E-07	6.3E-08	3.7E-08	3.3E-08	1.52E-08	1.8E-09	2.8E-08	6.6E-09	1.2E-08	1.1E-08	2.4E-09	6.2E-08
410	R_24	387465.27	3744713.55	387465.27, 3744713.55	1.34E-04	5.59E-05	4.6E-08	1.4E-07	5.8E-08	3.4E-08	3.1E-08	1.40E-08	1.8E-09	2.9E-08	6.1E-09	1.1E-08	1.0E-08	2.2E-09	6.1E-08
411	R_24	387465.27	3744763.55	387465.27, 3744763.55	1.40E-04	5.17E-05	4.8E-08	1.5E-07	5.4E-08	3.1E-08	2.8E-08	1.29E-08	1.9E-09	3.1E-08	5.7E-09	1.0E-08	9.4E-09	2.0E-09	6.0E-08
412	R_24	387465.27	3744813.55	387465.27, 3744813.55	1.47E-04	4.78E-05	5.1E-08	1.5E-07	5.0E-08	2.9E-08	2.6E-08	1.20E-08	2.0E-09	3.2E-08	5.2E-09	9.5E-09	8.7E-09	1.9E-09	6.0E-08
413	R_24	387465.27	3744863.55	387465.27, 3744863.55	1.54E-04	4.45E-05	5.3E-08	1.6E-07	4.6E-08	2.7E-08	2.4E-08	1.11E-08	2.1E-09	3.4E-08	4.9E-09	8.9E-09	8.0E-09	1.8E-09	5.9E-08
414	R_24	387515.27	3744663.55	387515.27, 3744663.55	1.62E-04	6.55E-05	5.6E-08	1.7E-07	6.8E-08	4.0E-08	3.6E-08	1.64E-08	2.2E-09	3.5E-08	7.2E-09	1.3E-08	1.2E-08	2.6E-09	7.2E-08
415	R_24	387515.27	3744713.55	387515.27, 3744713.55	1.70E-04	5.98E-05	5.9E-08	1.8E-07	6.3E-08	3.6E-08	3.3E-08	1.50E-08	2.3E-09	3.7E-08	6.6E-09	1.2E-08	1.1E-08	2.4E-09	7.1E-08
416	R_24	387515.27	3744763.55	387515.27, 3744763.55	1.77E-04	5.49E-05	6.1E-08	1.8E-07	5.7E-08	3.3E-08	3.0E-08	1.37E-08	2.4E-09	3.9E-08	6.0E-09	1.1E-08	9.9E-09	2.2E-09	7.0E-08
417	R_24	387515.27	3744813.55	387515.27, 3744813.55	1.84E-04	5.06E-05	6.4E-08	1.9E-07	5.3E-08	3.1E-08	2.8E-08	1.27E-08	2.5E-09	4.0E-08	5.5E-09	1.0E-08	9.2E-09	2.0E-09	7.0E-08
418	R_24	387515.27	3744863.55	387515.27, 3744863.55	1.89E-04	4.69E-05	6.5E-08	2.0E-07	4.9E-08	2.8E-08	2.6E-08	1.17E-08	2.6E-09	4.1E-08	5.1E-09	9.4E-09	8.5E-09	1.9E-09	6.9E-08
419	R_24	387565.27	3744813.55	387565.27, 3744813.55	1.94E-04	5.35E-05	6.7E-08	2.0E-07	5.6E-08	3.2E-08	2.9E-08	1.34E-08	2.6E-09	4.3E-08	5.9E-09	1.1E-08	9.7E-09	2.1E-09	7.4E-08
420	R_25	387565.27	3744863.55	387565.27, 3744863.55	2.00E-04	4.93E-05	6.9E-08	2.1E-07	5.2E-08	3.0E-08	2.7E-08	1.23E-08	2.7E-09	4.4E-08	5.4E-09	9.8E-09	8.9E-09	1.9E-09	7.3E-08
421	R_25	387524.44	3742913.36	387524.44, 3742913.36	2.06E-04	4.86E-05	7.1E-08	2.2E-07	5.1E-08	2.9E-08	2.7E-08	1.22E-08	2.8E-09	4.5E-08	5.3E-09	9.7E-09	8.8E-09	1.9E-09	7.4E-08
422	R_25	387574.44	3742963.36	387574.44, 3742963.36	2.11E-04	5.92E-05	7.3E-08	2.2E-07	6.2E-08	3.6E-08	3.2E-08	1.48E-08	2.9E-09	4.6E-08	6.5E-09	1.2E-08	1.1E-08	2.3E-09	8.0E-08
423	R_25	387574.44	3743013.36	387574.44, 3743013.36	5.15E-05	6.96E-05	1.8E-08	5.4E-08	7.3E-08	4.2E-08	3.8E-08	1.74E-08	7.0E-10	1.1E-08	7.6E-09	1.4E-08	1.3E-08	2.7E-09	4.9E-08
424	R_25	387624.44	3742963.36	387624.44, 3742963.36	5.29E-05	6.31E-05	1.8E-08	5.5E-08	6.6E-08	3.8E-08	3.5E-08	1.58E-08	7.2E-10	1.2E-08	6.9E-09	1.3E-08	1.1E-08	2.5E-09	4.6E-08
425	R_25	387624.44	3743013.36	387624.44, 3743013.36	5.42E-05	7.44E-05	1.9E-08	5.7E-08	7.8E-08	4.5E-08	4.1E-08	1.86E-08	7.4E-10	1.2E-08	8.1E-09	1.5E-08	1.3E-08	2.9E-09	5.2E-08
426	R_25	387624.44	3743063.36	387624.44, 3743063.36	5.56E-05	9.01E-05	1.9E-08	5.8E-08	9.4E-08	5.4E-08	4.9E-08	2.25E-08	7.6E-10	1.2E-08	9.9E-09	1.8E-08	1.6E-08	3.6E-09	6.1E-08
427	R_25	387674.44	3742963.36	387674.44, 3742963.36	5.71E-05	6.65E-05	2.0E-08	6.0E-08	6.9E-08	4.0E-08	3.6E-08	1.66E-08	7.8E-10	1.3E-08	7.3E-09	1.3E-08	1.2E-08	2.6E-09	4.8E-08
428	R_25	387674.44	3743013.36	387674.44, 3743013.36	5.85E-05	7.85E-05	2.0E-08	6.1E-08	8.2E-08	4.8E-08	4.3E-08	1.97E-08	8.0E-10	1.3E-08	8.6E-09	1.6E-08	1.4E-08	3.1E-09	5.5E-08
429	R_25	387674.44	3743063.36	387674.44, 3743063.36	6.02E-05	9.45E-05	2.1E-08	6.3E-08	9.9E-08	5.7E-08	5.2E-08	2.37E-08	8.2E-10	1.3E-08	1.0E-08	1.9E-08	1.7E-08	3.7E-09	6.4E-08
430	R_26	387674.44	3743113.36	387674.44, 3743113.36	6.18E-05	1.16E-04	2.1E-08	6.5E-08	1.2E-07	7.0E-08	6.3E-08	2.89E-08	8.4E-10	1.4E-08	1.3E-08	2.3E-08	2.1E-08	4.6E-09	7.6E-08
431	R_26	387724.44	3742963.36	387724.44, 3742963.36	6.35E-05	6.98E-05	2.2E-08	6.6E-08	7.3E-08	4.2E-08	3.8E-08	1.75E-08	8.6E-10	1.4E-08	7.6E-09	1.4E-08	1.3E-08	2.8E-09	5.2E-08
432	R_26	387724.44	3743013.36	387724.44, 3743013.36	6.53E-05	8.20E-05	2.3E-08	6.8E-08	8.6E-08	5.0E-08	4.5E-08	2.05E-08	8.9E-10	1.4E-08	9.0E-09	1.6E-08	1.5E-08	3.2E-09	5.9E-08
433	R_26	387724.44	3743063.36	387724.44, 3743063.36	6.73E-05	9.75E-05	2.3E-08	7.0E-08	1.0E-07	5.9E-08	5.3E-08	2.44E-08	9.2E-10	1.5E-08	1.1E-08	1.9E-08	1.8E-08	3.8E-09	6.7E-08
434	R_26	387724.44	3743113.36	387724.44, 3743113.36	6.93E-05	1.16E-04	2.4E-08	7.2E-08	1.2E-07	7.0E-08	6.4E-08	2.91E-08	9.4E-10	1.5E-08	1.3E-08	2.3E-08	2.1E-08	4.6E-09	7.8E-08
435	R_26	387774.44	3742963.36	387774.44, 3742963.36	7.17E-05	7.28E-05	2.5E-08	7.5E-08	7.6E-08	4.4E-08	4.0E-08	1.82E-08	9.7E-10	1.6E-08	8.0E-09	1.5E-08	1.3E-08	2.9E-09	5.5E-08
436	R_26	387774.44	3743013.36	387774.44, 3743013.36	7.42E-05	8.47E-05	2.6E-08	7.8E-08	8.9E-08	5.1E-08	4.6E-08	2.12E-08	1.0E-09	1.6E-08	9.3E-09	1.7E-08	1.5E-08	3.3E-09	6.2E-08
437	R_26	387774.44	3743063.36	387774.44, 3743063.36	7.71E-05	9.89E-05	2.7E-08	8.1E-08	1.0E-07	6.0E-08	5.4E-08	2.48E-08	1.0E-09	1.7E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	7.0E-08
438	R_26	387774.44	3743113.36	387774.44, 3743113.36	8.03E-05	1.15E-04	2.8E-08	8.4E-08	1.2E-07	7.0E-08	6.3E-08	2.88E-08	1.1E-09	1.8E-08	1.3E-08	2.3E-08	2.1E-08	4.5E-09	8.0E-08
439	R_26	387774.44	3743163.36	387774.44, 3743163.36	8.37E-05	1.31E-04	2.9E-08	8.7E-08	1.4E-07	7.9E-08	7.2E-08	3.28E-08	1.1E-09	1.8E-08	1.4E-08	2.6E-08	2.4E-08	5.2E-09	8.9E-08
440	R_27	387824.44	3742963.36	387824.44, 3742963.36	8.70E-05	7.53E-05	3.0E-08	9.1E-08	7.9E-08	4.6E-08	4.1E-08	1.89E-08	1.2E-09	1.9E-08	8.2E-09	1.5E-08	1.4E-08	3.0E-09	6.0E-08
441	R_27	387824.44	3743013.36	387824.44, 3743013.36	1.20E-04	8.68E-05	4.2E-08	1.3E-07	9.1E-08	5.3E-08	4.8E-08	2.17E-08	1.6E-09	2.6E-08	9.5E-09	1.7E-08	1.6E-08	3.4E-09	7.4E-08
442	R_27	387824.44	3743063.36	387824.44, 3743063.36	1.25E-04	9.95E-05	4.3E-08	1.3E-07	1.0E-07	6.0E-08	5.5E-08	2.49E-08	1.7E-09	2.7E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	8.2E-08
443	R_27	387824.44	3743113.36	387824.44, 3743113.36	1.30E-04	1.13E-04	4.5E-08	1.4E-07	1.2E-07	6.8E-08	6.2E-08	2.82E-08	1.8E-09	2.8E-08	1.2E-08	2.3E-08	2.0E-08	4.4E-09	9.0E-08
444	R_27	387824.44	3743163.36	387824.44, 3743163.36	1.36E-04	1.26E-04	4.7E-08	1.4E-07	1.3E-07	7.6E-08	6.9E-08	3.14E-08	1.8E-09	3.0E-08	1.4E-08	2.5E-08	2.3E-08	5.0E-09	9.8E-08
445	R_27	387824.44	3743213.36	387824.44, 3743213.36	1.43E-04	1.37E-04	4.9E-08	1.5E-07	1.4E-07	8.3E-08	7.5E-08	3.44E-08	1.9E-09	3.1E-08	1.5E-08	2.7E-08	2.5E-08	5.4E-09	1.1E-07
446	R_27	387874.44	3742963.36	387874.44, 3742963.36	1.49E-04	7.78E-05	5.2E-08	1.6E-07	8.1E-08	4.7E-08	4.3E-08	1.95E-08	2.0E-09	3.3E-08	8.5E-09	1.6E-08	1.4E-08	3.1E-09	7.6E-08
447	R_27	387874.44	3743013.36	387874.44, 3743013.36	1.56E-04	8.82E-05	5.4E-08	1.6E-07	9.2E-08	5.3E-08	4.8E-08	2.21E-08	2.1E-09	3.4E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	8.3E-08
448	R_27	387874.44	3743063.36	387874.44, 3743063.36	1.61E-04	9.96E-05	5.6E-08	1.7E-07	1.0E-07	6.0E-08	5.5E-08	2.49E-08	2.2E-09	3.5E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	9.0E-08
449	R_27	387874.44	3743113.36	387874.44, 3743113.36	1.67E-04	1.11E-04	5.8E-08	1.7E-07	1.2E-07	6.7E-08	6.1E-08	2.77E-08	2.3E-09	3.7E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	9.8E-08
450	R_28	387874.44	3743163.36	387874.44, 3743163.36	1.73E-04	1.22E-04	6.0E-08	1.8E-07	1.3E-07	7.4E-08	6.7E-08	3.04E-08	2.3E-09	3.8E-08	1.3E-08	2.4E-08	2.2E-08	4.8E-09	1.0E-07
451	R_28	387874.44	3743213.36	387874.44, 3743213.36	1.77E-04	1.33E-04	6.1E-08	1.9E-07	1.4E-07	8.0E-08	7.3E-08	3.32E-08	2.4E-09	3.9E-08	1.5E-08	2.6E-08	2.4E-08	5.2E-09	1.1E-07
452	R_28	387874.44	3743263.36	387874.44, 3743263.36	1.82E-04	1.45E-04	6.3E-08	1.9E-07	1.5E-07	8.8E-08	7.9E-08	3.63E-08	2.5E-09	4.0E-08	1.6E-08	2.9E-08	2.6E-08	5.7E-09	1.2E-07
453	R_28	387924.44	3742963.36	387924.44, 3742963.36	1.87E-04	8.00E-05	6.5E-08	1.9E-07	8.4E-08	4.8E-08	4.4E-08	2.00E-08	2.5E-09	4.1E-08	8.8E-09	1.6E-08	1.4E-08	3.2E-09	8.6E-08
454	R_28	387924.44	3743013.36	387924.44, 3743013.36	1.90E-04	8.97E-05	6.6E-08	2.0E-07	9.4E-08	5.4E-08	4.9E-08	2.24E-08	2.6E-09	4.2E-08	9.8E-09	1.8E-08	1.6E-08	3.5E-09	9.2E-08
455	R_28	387924.44	3743063.36	387924.44, 3743063.36	5.04E-05	9.96E-05	1.7E-08	5.3E-08	1.0E-07	6.0E-08	5.5E-08	2.49E-08	6.9E-10	1.1E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	6.5E-08
456	R_28	387924.44	3743113.36	387924.44, 3743113.36	5.16E-05	1.10E-04	1.8E-08	5.4E-08	1.1E-07	6.6E-08	6.0E-08	2.75E-08	7.0E-10	1.1E-08	1.2E-08	2.2E-08	2.0E-08	4.3E-09	7.0E-08
457	R_28	387924.44	3743163.36	387924.44, 3743163.36	5.29E-05	1.20E-04	1.8E-08	5.5E-08	1.3E-07	7.3E-08	6.6E-08	3.00E-08	7.2E-10	1.2E-08	1.3E-08	2.4E-08	2.2E-08	4.7E-09	7.6E-08
458	R_28	387924.44	3743213.36	387924.44, 3743213.36	5.42E-05	1.31E-04	1.9E-08	5.7E-08	1.4E-07	7.9E-08	7.2E-08	3.28E-08	7.4E-10	1.2E-08	1.4E-08	2.6E-08	2.4E-08	5.2E-09	8.2E-08
459	R_28	387924.44	3743263.36	387924.44, 3743263.36	5.56E-05	1.45E-04	1.9E-08	5.8E-08	1.5E-07	8.8E-08	7.9E-08	3.62E-08	7.6E-10	1.2E-08	1.6E-08	2.9E-08	2.6E-08	5.7E-09	9.0E-08
460	R_29	387924.44	3743313.36	387924.44, 3743313.36	5.69E-05	1.62E-04	2.0E-08	5.9E-08	1.7E-07	9.8E-08	8.9E-08	4.05E-08	7.7E-10	1.2E-08	1.8E-08	3.2E-08	2.9E-08	6.4E-09	9.9E-08
461	R_29	387974.44	3742963.36	387974.44, 3742963.36	5.84E-05	8.21E-05	2.0E-08	6.1E-08	8.6E-08	5.0E-08	4.5E-08	2.05E-08	7.9E-10	1.3E-08	9.0E-09	1.6E-08	1.5E-08	3.2E-09	5.7E-08
462	R_29	387974.44	3743013.36	387974.44, 3743013.36	5.97E-05	9.11E-05	2.1E-08	6.2E-08	9.5E-08	5.5E-08	5.0E-08	2.28E-08	8.1E-10	1.3E-08	1.0E-08	1.8E-08	1.6E-08	3.6E-09	6.2E-08
463	R_29	387974.44	3743063.36	387974.44, 3743063.36	6.13E-05	1.00E-04	2.1E-08	6.4E-08	1.0E-07	6.1E-08	5.5E-08	2.51E-08	8.3E-10	1.3E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	6.7E-08
464	R_29	387974.44	3743113.36	387974.44, 3743113.36	6.31E-05	1.10E-04	2.2E-08	6.6E-08	1.1E-07	6.7E-08	6.0E-08	2.75E-08	8.6E-10	1.4E-08	1.2E-08	2.2E-08	2.0E-08	4.3E-09	7.3E-08
465	R_29	387974.44	3743163.36	387974.44, 3743163.36	6.50E-05	1.20E-04	2.3E-08	6.8E-08	1.3E-07	7.3E-08	6.6E-08	3.01E-08	8.8E-10	1.4E-08	1.3E-08	2.4E-08	2.2E-08	4.8E-09	7.9E-08
466	R_29	387974.44	3743213.36	387974.44, 3743213.36	6.68E-05	1.32E-04	2.3E-08	7.0E-08	1.4E-07	8.0E-08	7.3E-08	3.32E-08	9.1E-10	1.5E-08	1.5E-08	2.6E-08	2.4E-08	5.2E-09	8.6E-08
467	R_29	387974.44	3743263.36	387974.44, 3743263.36	6.90E-05	1.47E-04	2.4E-08	7.2E-08	1.5E-07	8.9E-08	8.1E-08	3.69E-08	9.4E-10	1.5E-08	1.6E-08	2.9E-08	2.7E-08	5.8E-09	9.4E-08
468	R_29	387974.44	3743313.36	387974.44, 3743313.36	7.15E-05	1.65E-04	2.5E-08	7.5E-08	1.7E-07	1.0E-07	9.1E-08	4.14E-08	9.7E-10	1.6E-08	1.8E-08	3.3E-08	3.0E-08	6.5E-09	1.0E-07
469	R_29	387974.44	3743363.36	387974.44, 3743363.36	7.42E-05	1.88E-04	2.6E-08	7.8E-08	2.0E-07	1.1E-07	1.0E-07	4.70E-08	1.0E-09	1.6E-08	2.1E-08	3.8E-08	3.4E-08	7.4E-09	1.2E-07
470	R_30	388024.44	3742963.36	388024.44, 3742963.36	7.71E-05	8.41E-05	2.7E-08	8.1E-08	8.8E-08	5.1E-08	4.6E-08	2.10E-08	1.0E-09	1.7E-08	9.2E-09	1.7E-08	1.5E-08	3.3E-09	6.2E-08
471	R_30	388024.44	3743013.36	388024.44, 3743013.36	8.02E-05	9.27E-05	2.8E-08	8.4E-08	9.7E-08	5.6E-08	5.1E-08	2.32E-08	1.1E-09	1.8E-08	1.0E-08	1.9E-08	1.7E-08	3.7E-09	6.8E-08
472	R_30	388024.44	3743063.36	388024.44, 3743063.36	8.35E-05	1.01E-04	2.9E-08	8.7E-08	1.1E-07	6.1E-08	5.6E-08	2.54E-08	1.1E-09	1.8E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	7.3E-08
473	R_30	388024.44	3743113.36	388024.44, 3743113.36	1.12E-04	1.11E-04	3.9E-08	1.2E-07	1.2E-07	6.7E-08	6.1E-08	2.78E-08	1.5E-09	2.5E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
474	R_30	388024.44	3743163.36	388024.44, 3743163.36	1.16E-04	1.22E-04	4.0E-08	1.2E-07	1.3E-07	7.4E-08	6.7E-08	3.05E-08	1.6E-09	2.5E-08	1.3E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08

475	R_30	388024.44	3743213.36	388024.44, 3743213.36	1.20E-04	1.35E-04	4.2E-08	1.3E-07	1.4E-07	8.2E-08	7.4E-08	3.38E-08	1.6E-09	2.6E-08	1.5E-08	2.7E-08	2.4E-08	5.3E-09	9.9E-08
476	R_30	388024.44	3743263.36	388024.44, 3743263.36	1.26E-04	1.51E-04	4.4E-08	1.3E-07	1.6E-07	9.1E-08	8.3E-08	3.77E-08	1.7E-09	2.8E-08	1.6E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
477	R_30	388024.44	3743313.36	388024.44, 3743313.36	1.32E-04	1.70E-04	4.6E-08	1.4E-07	1.8E-07	1.0E-07	9.3E-08	4.25E-08	1.8E-09	2.9E-08	1.9E-08	3.4E-08	3.1E-08	6.7E-09	1.2E-07
478	R_30	388024.44	3743363.36	388024.44, 3743363.36	1.38E-04	1.93E-04	4.8E-08	1.4E-07	2.0E-07	1.2E-07	1.1E-07	4.84E-08	1.9E-09	3.0E-08	2.1E-08	3.9E-08	3.5E-08	7.6E-09	1.3E-07
479	R_30	388024.44	3743413.36	388024.44, 3743413.36	1.44E-04	2.23E-04	5.0E-08	1.5E-07	2.3E-07	1.3E-07	1.2E-07	5.57E-08	2.0E-09	3.1E-08	2.4E-08	4.4E-08	4.0E-08	8.8E-09	1.5E-07
480	R_31	388074.44	3742963.36	388074.44, 3742963.36	1.49E-04	8.59E-05	5.1E-08	1.6E-07	9.0E-08	5.2E-08	4.7E-08	2.15E-08	2.0E-09	3.3E-08	9.4E-09	1.7E-08	1.6E-08	3.4E-09	8.0E-08
481	R_31	388074.44	3743013.36	388074.44, 3743013.36	1.53E-04	9.41E-05	5.3E-08	1.6E-07	9.8E-08	5.7E-08	5.2E-08	2.36E-08	2.1E-09	3.4E-08	1.0E-08	1.9E-08	1.7E-08	3.7E-09	8.5E-08
482	R_31	388074.44	3743063.36	388074.44, 3743063.36	1.58E-04	1.03E-04	5.5E-08	1.7E-07	1.1E-07	6.2E-08	5.6E-08	2.57E-08	2.1E-09	3.5E-08	1.1E-08	2.1E-08	1.9E-08	4.1E-09	9.1E-08
483	R_31	388074.44	3743113.36	388074.44, 3743113.36	1.62E-04	1.13E-04	5.6E-08	1.7E-07	1.2E-07	6.8E-08	6.2E-08	2.82E-08	2.2E-09	3.5E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	9.7E-08
484	R_31	388074.44	3743163.36	388074.44, 3743163.36	1.66E-04	1.24E-04	5.7E-08	1.7E-07	1.3E-07	7.5E-08	6.8E-08	3.10E-08	2.3E-09	3.6E-08	1.4E-08	2.5E-08	2.2E-08	4.9E-09	1.0E-07
485	R_31	388074.44	3743213.36	388074.44, 3743213.36	1.70E-04	1.37E-04	5.9E-08	1.8E-07	1.4E-07	8.3E-08	7.5E-08	3.44E-08	2.3E-09	3.7E-08	1.5E-08	2.7E-08	2.5E-08	5.4E-09	1.1E-07
486	R_31	388074.44	3743263.36	388074.44, 3743263.36	1.73E-04	1.53E-04	6.0E-08	1.8E-07	1.6E-07	9.3E-08	8.4E-08	3.84E-08	2.3E-09	3.8E-08	1.7E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
487	R_31	388074.44	3743313.36	388074.44, 3743313.36	4.94E-05	1.73E-04	1.7E-08	5.2E-08	1.8E-07	1.0E-07	9.5E-08	4.33E-08	6.7E-10	1.1E-08	1.9E-08	3.5E-08	3.1E-08	6.8E-09	1.0E-07
488	R_31	388074.44	3743363.36	388074.44, 3743363.36	5.06E-05	1.97E-04	1.8E-08	5.3E-08	2.1E-07	1.2E-07	1.1E-07	4.94E-08	6.9E-10	1.1E-08	2.2E-08	3.9E-08	3.6E-08	7.8E-09	1.2E-07
489	R_31	388074.44	3743413.36	388074.44, 3743413.36	5.17E-05	2.27E-04	1.8E-08	5.4E-08	2.4E-07	1.4E-07	1.2E-07	5.69E-08	7.0E-10	1.1E-08	2.5E-08	4.5E-08	4.1E-08	9.0E-09	1.3E-07
490	R_32	388074.44	3743463.36	388074.44, 3743463.36	5.29E-05	2.67E-04	1.8E-08	5.5E-08	2.8E-07	1.6E-07	1.5E-07	6.68E-08	7.2E-10	1.2E-08	2.9E-08	5.3E-08	4.8E-08	1.1E-08	1.5E-07
491	R_32	388124.44	3742963.36	388124.44, 3742963.36	5.42E-05	8.73E-05	1.9E-08	5.7E-08	9.1E-08	5.3E-08	4.8E-08	2.19E-08	7.4E-10	1.2E-08	9.6E-09	1.7E-08	1.6E-08	3.4E-09	5.9E-08
492	R_32	388124.44	3743013.36	388124.44, 3743013.36	5.53E-05	9.53E-05	1.9E-08	5.8E-08	1.0E-07	5.8E-08	5.2E-08	2.39E-08	7.5E-10	1.2E-08	1.0E-08	1.9E-08	1.7E-08	3.8E-09	6.3E-08
493	R_32	388124.44	3743063.36	388124.44, 3743063.36	5.67E-05	1.04E-04	2.0E-08	5.9E-08	1.1E-07	6.3E-08	5.7E-08	2.60E-08	7.7E-10	1.2E-08	1.1E-08	2.1E-08	1.9E-08	4.1E-09	6.8E-08
494	R_32	388124.44	3743113.36	388124.44, 3743113.36	5.80E-05	1.14E-04	2.0E-08	6.1E-08	1.2E-07	6.9E-08	6.2E-08	2.85E-08	7.9E-10	1.3E-08	1.2E-08	2.3E-08	2.1E-08	4.5E-09	7.4E-08
495	R_32	388124.44	3743163.36	388124.44, 3743163.36	5.94E-05	1.25E-04	2.1E-08	6.2E-08	1.3E-07	7.6E-08	6.9E-08	3.14E-08	8.1E-10	1.3E-08	1.4E-08	2.5E-08	2.3E-08	4.9E-09	8.0E-08
496	R_32	388124.44	3743213.36	388124.44, 3743213.36	6.11E-05	1.39E-04	2.1E-08	6.4E-08	1.5E-07	8.4E-08	7.6E-08	3.48E-08	8.3E-10	1.3E-08	1.5E-08	2.8E-08	2.5E-08	5.5E-09	8.8E-08
497	R_32	388124.44	3743263.36	388124.44, 3743263.36	6.28E-05	1.55E-04	2.2E-08	6.6E-08	1.6E-07	9.4E-08	8.5E-08	3.88E-08	8.5E-10	1.4E-08	1.7E-08	3.1E-08	2.8E-08	6.1E-09	9.7E-08
498	R_32	388124.44	3743313.36	388124.44, 3743313.36	6.47E-05	1.75E-04	2.2E-08	6.8E-08	1.8E-07	1.1E-07	9.6E-08	4.37E-08	8.8E-10	1.4E-08	1.9E-08	3.5E-08	3.2E-08	6.9E-09	1.1E-07
499	R_32	388124.44	3743363.36	388124.44, 3743363.36	6.68E-05	1.99E-04	2.3E-08	7.0E-08	2.1E-07	1.2E-07	1.1E-07	4.97E-08	9.1E-10	1.5E-08	2.2E-08	4.0E-08	3.6E-08	7.8E-09	1.2E-07
500	R_33	388124.44	3743413.36	388124.44, 3743413.36	6.91E-05	2.29E-04	2.4E-08	7.2E-08	2.4E-07	1.4E-07	1.3E-07	5.74E-08	9.4E-10	1.5E-08	2.5E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
501	R_33	388174.44	3742963.36	388174.44, 3742963.36	7.17E-05	8.84E-05	2.5E-08	7.5E-08	9.2E-08	5.3E-08	4.8E-08	2.21E-08	9.8E-10	1.6E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	6.3E-08
502	R_33	388174.44	3743013.36	388174.44, 3743013.36	7.45E-05	9.62E-05	2.6E-08	7.8E-08	1.0E-07	5.8E-08	5.3E-08	2.41E-08	1.0E-09	1.6E-08	1.1E-08	1.9E-08	1.7E-08	3.8E-09	6.8E-08
503	R_33	388174.44	3743063.36	388174.44, 3743063.36	7.73E-05	1.05E-04	2.7E-08	8.1E-08	1.1E-07	6.3E-08	5.7E-08	2.62E-08	1.1E-09	1.7E-08	1.1E-08	2.1E-08	1.9E-08	4.1E-09	7.3E-08
504	R_33	388174.44	3743113.36	388174.44, 3743113.36	8.00E-05	1.15E-04	2.8E-08	8.4E-08	1.2E-07	6.9E-08	6.3E-08	2.87E-08	1.1E-09	1.8E-08	1.3E-08	2.3E-08	2.1E-08	4.5E-09	7.9E-08
505	R_33	388174.44	3743163.36	388174.44, 3743163.36	8.59E-05	1.26E-04	3.0E-08	9.0E-08	1.3E-07	7.6E-08	6.9E-08	3.15E-08	1.2E-09	1.9E-08	1.4E-08	2.5E-08	2.3E-08	5.0E-09	8.7E-08
506	R_33	388174.44	3743213.36	388174.44, 3743213.36	8.86E-05	1.39E-04	3.1E-08	9.3E-08	1.5E-07	8.4E-08	7.6E-08	3.49E-08	1.2E-09	1.9E-08	1.5E-08	2.8E-08	2.5E-08	5.5E-09	9.4E-08
507	R_33	388174.44	3743263.36	388174.44, 3743263.36	9.10E-05	1.55E-04	3.2E-08	9.5E-08	1.6E-07	9.4E-08	8.5E-08	3.89E-08	1.2E-09	2.0E-08	1.7E-08	3.1E-08	2.8E-08	6.1E-09	1.0E-07
508	R_33	388174.44	3743313.36	388174.44, 3743313.36	9.36E-05	1.75E-04	3.2E-08	9.8E-08	1.8E-07	1.1E-07	9.6E-08	4.37E-08	1.3E-09	2.1E-08	1.9E-08	3.5E-08	3.2E-08	6.9E-09	1.1E-07
509	R_33	388174.44	3743363.36	388174.44, 3743363.36	9.63E-05	1.99E-04	3.3E-08	1.0E-07	2.1E-07	1.2E-07	1.1E-07	4.98E-08	1.3E-09	2.1E-08	2.2E-08	4.0E-08	3.6E-08	7.9E-09	1.3E-07
510	R_34	388174.44	3743413.36	388174.44, 3743413.36	9.88E-05	2.30E-04	3.4E-08	1.0E-07	2.4E-07	1.4E-07	1.3E-07	5.74E-08	1.3E-09	2.2E-08	2.5E-08	4.6E-08	4.2E-08	9.1E-09	1.4E-07
511	R_34	388224.44	3742963.36	388224.44, 3742963.36	1.02E-04	8.89E-05	3.5E-08	1.1E-07	9.3E-08	5.4E-08	4.9E-08	2.23E-08	1.4E-09	2.2E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	7.1E-08
512	R_34	388224.44	3743013.36	388224.44, 3743013.36	1.05E-04	9.65E-05	3.6E-08	1.1E-07	1.0E-07	5.8E-08	5.3E-08	2.42E-08	1.4E-09	2.3E-08	1.1E-08	1.9E-08	1.7E-08	3.8E-09	7.6E-08
513	R_34	388224.44	3743063.36	388224.44, 3743063.36	1.08E-04	1.05E-04	3.8E-08	1.1E-07	1.1E-07	6.3E-08	5.7E-08	2.62E-08	1.5E-09	2.4E-08	1.1E-08	2.1E-08	1.9E-08	4.1E-09	8.1E-08
514	R_34	388224.44	3743113.36	388224.44, 3743113.36	1.13E-04	1.15E-04	3.9E-08	1.2E-07	1.2E-07	6.9E-08	6.3E-08	2.87E-08	1.5E-09	2.5E-08	1.3E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
515	R_34	388224.44	3743163.36	388224.44, 3743163.36	1.18E-04	1.26E-04	4.1E-08	1.2E-07	1.3E-07	7.6E-08	6.9E-08	3.14E-08	1.6E-09	2.6E-08	1.4E-08	2.5E-08	2.3E-08	5.0E-09	9.4E-08
516	R_34	388224.44	3743213.36	388224.44, 3743213.36	1.23E-04	1.39E-04	4.2E-08	1.3E-07	1.5E-07	8.4E-08	7.6E-08	3.48E-08	1.7E-09	2.7E-08	1.5E-08	2.8E-08	2.5E-08	5.5E-09	1.0E-07
517	R_34	388224.44	3743263.36	388224.44, 3743263.36	1.27E-04	1.55E-04	4.4E-08	1.3E-07	1.6E-07	9.4E-08	8.5E-08	3.87E-08	1.7E-09	2.8E-08	1.7E-08	3.1E-08	2.8E-08	6.1E-09	1.1E-07
518	R_34	388224.44	3743313.36	388224.44, 3743313.36	1.32E-04	1.74E-04	4.6E-08	1.4E-07	1.8E-07	1.1E-07	9.5E-08	4.36E-08	1.8E-09	2.9E-08	1.9E-08	3.5E-08	3.1E-08	6.9E-09	1.2E-07
519	R_34	388224.44	3743363.36	388224.44, 3743363.36	1.37E-04	1.98E-04	4.7E-08	1.4E-07	2.1E-07	1.2E-07	1.1E-07	4.95E-08	1.9E-09	3.0E-08	2.2E-08	3.9E-08	3.6E-08	7.8E-09	1.4E-07
520	R_35	388274.44	3742963.36	388274.44, 3742963.36	1.41E-04	8.90E-05	4.9E-08	1.5E-07	9.3E-08	5.4E-08	4.9E-08	2.23E-08	1.9E-09	3.1E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	8.0E-08
521	R_35	388274.44	3743013.36	388274.44, 3743013.36	1.45E-04	9.64E-05	5.0E-08	1.5E-07	1.0E-07	5.8E-08	5.3E-08	2.41E-08	2.0E-09	3.2E-08	1.1E-08	1.9E-08	1.7E-08	3.8E-09	8.5E-08
522	W_1	387475.71	3743311.02	387475.71, 3743311.02	1.49E-04	5.79E-04	5.2E-08	1.6E-07	6.0E-07	3.5E-07	3.2E-07	1.45E-07	2.0E-09	3.3E-08	6.3E-08	1.2E-07	1.0E-07	2.3E-08	3.4E-07
523	W_1	387490.71	3743311.02	387490.71, 3743311.02	1.52E-04	5.74E-04	5.3E-08	1.6E-07	6.0E-07	3.5E-07	3.1E-07	1.44E-07	2.1E-09	3.3E-08	6.3E-08	1.1E-07	1.0E-07	2.3E-08	3.4E-07
524	R_35	387451.13	3743316.16	387451.13, 3743316.16	1.56E-04	6.52E-04	5.4E-08	1.6E-07	6.8E-07	3.9E-07	3.6E-07	1.63E-07	2.1E-09	3.4E-08	7.1E-08	1.3E-07	1.2E-07	2.6E-08	3.8E-07
525	W_1	387379.86	3743317.08	387379.86, 3743317.08	1.58E-04	6.22E-04	5.5E-08	1.7E-07	6.5E-07	3.8E-07	3.4E-07	1.56E-07	2.1E-09	3.5E-08	6.8E-08	1.2E-07	1.1E-07	2.5E-08	3.7E-07
526	W_1	387399.86	3743317.08	387399.86, 3743317.08	4.83E-05	6.43E-04	1.7E-08	5.0E-08	6.7E-07	3.9E-07	3.5E-07	1.61E-07	6.6E-10	1.1E-08	7.0E-08	1.3E-07	1.2E-07	2.5E-08	3.5E-07
527	W_1	387419.86	3743317.08	387419.86, 3743317.08	4.93E-05	6.56E-04	1.7E-08	5.2E-08	6.9E-07	4.0E-07	3.6E-07	1.64E-07	6.7E-10	1.1E-08	7.2E-08	1.3E-07	1.2E-07	2.6E-08	3.6E-07
528	W_1	387439.86	3743317.08	387439.86, 3743317.08	5.05E-05	6.65E-04	1.7E-08	5.3E-08	6.9E-07	4.0E-07	3.6E-07	1.66E-07	6.9E-10	1.1E-08	7.3E-08	1.3E-07	1.2E-07	2.6E-08	3.6E-07
529	R_35	387019.21	3742972.33	387019.21, 3742972.33	5.16E-05	2.99E-05	1.8E-08	5.4E-08	3.1E-08	1.8E-08	1.6E-08	7.48E-09	7.0E-10	1.1E-08	3.3E-09	6.0E-09	5.4E-09	1.2E-09	2.8E-08
530	R_35	387019.21	3743022.33	387019.21, 3743022.33	5.27E-05	3.22E-05	1.8E-08	5.5E-08	3.4E-08	1.9E-08	1.8E-08	8.06E-09	7.2E-10	1.2E-08	3.5E-09	6.4E-09	5.8E-09	1.3E-09	2.9E-08
531	R_35	387019.21	3743072.33	387019.21, 3743072.33	5.39E-05	3.48E-05	1.9E-08	5.6E-08	3.6E-08	2.1E-08	1.9E-08	8.72E-09	7.3E-10	1.2E-08	3.8E-09	7.0E-09	6.3E-09	1.4E-09	3.1E-08
532	R_35	387019.21	3743122.33	387019.21, 3743122.33	5.50E-05	3.81E-05	1.9E-08	5.8E-08	4.0E-08	2.3E-08	2.1E-08	9.53E-09	7.5E-10	1.2E-08	4.2E-09	7.6E-09	6.9E-09	1.5E-09	3.3E-08
533	R_35	387019.21	3743172.33	387019.21, 3743172.33	5.63E-05	4.18E-05	1.9E-08	5.9E-08	4.4E-08	2.5E-08	2.3E-08	1.05E-08	7.7E-10	1.2E-08	4.6E-09	8.3E-09	7.6E-09	1.6E-09	3.5E-08
534	R_35	387019.21	3743222.33	387019.21, 3743222.33	5.76E-05	4.59E-05	2.0E-08	6.0E-08	4.8E-08	2.8E-08	2.5E-08	1.15E-08	7.8E-10	1.3E-08	5.0E-09	9.2E-09	8.3E-09	1.8E-09	3.8E-08
535	R_35	387019.21	3743272.33	387019.21, 3743272.33	5.91E-05	5.05E-05	2.0E-08	6.2E-08	5.3E-08	3.1E-08	2.8E-08	1.26E-08	8.0E-10	1.3E-08	5.5E-09	1.0E-08	9.1E-09	2.0E-09	4.0E-08
536	R_36	387019.21	3743322.33	387019.21, 3743322.33	6.07E-05	5.55E-05	2.1E-08	6.3E-08	5.8E-08	3.4E-08	3.0E-08	1.39E-08	8.3E-10	1.3E-08	6.1E-09	1.1E-08	1.0E-08	2.2E-09	4.4E-08
537	R_36	387069.21	3742972.33	387069.21, 3742972.33	6.27E-05	3.17E-05	2.2E-08	6.6E-08	3.3E-08	1.9E-08	1.7E-08	7.92E-09	8.5E-10	1.4E-08	3.5E-09	6.3E-09	5.7E-09	1.2E-09	3.1E-08
538	R_36	387069.21	3743022.33	387069.21, 3743022.33	6.47E-05	3.41E-05	2.2E-08	6.8E-08	3.6E-08	2.1E-08	1.9E-08	8.53E-09	8.8E-10	1.4E-08	3.7E-09	6.8E-09	6.2E-09	1.3E-09	3.3E-08
539	R_36	387069.21	3743072.33	387069.21, 3743072.33	6.70E-05	3.71E-05	2.3E-08	7.0E-08	3.9E-08	2.2E-08	2.0E-08	9.29E-09	9.1E-10	1.5E-08	4.1E-09	7.4E-09	6.7E-09	1.5E-09	3.5E-08
540	R_36	387069.21	3743122.33	387069.21, 3743122.33	6.94E-05	4.08E-05	2.4E-08	7.3E-08	4.3E-08	2.5E-08	2.2E-08	1.02E-08	9.4E-10	1.5E-08	4.5E-09	8.1E-09	7.4E-09	1.6E-09	3.8E-08
541	R_36	387069.21	3743172.33	387069.21, 3743172.33	7.19E-05	4.52E-05	2.5E-08	7.5E-08	4.7E-08	2.7E-08	2.5E-08	1.13E-08	9.8E-10	1.6E-08	5.0E-09	9.0E-09	8.2E-09	1.8E-09	4.1E-08
542	R_36	387069.21	3743222.33	387069.21, 3743222.33	7.46E-05	5.05E-05	2.6E-08	7.8E-08	5.3E-08	3.1E-08	2.8E-08	1.26E-08	1.0E-09	1.6E-08	5.5E-09	1.0E-08	9.1E-09	2.0E-09	4.4E-08
543	R_36	387069.21	3743272.33	387069.21, 3743272.33	7.73E-05	5.62E-05	2.7E-08	8.1E-08	5.9E-08	3.4E-08	3.1E-08	1.41E-08	1.1E-09	1.7E-08	6.2E-09	1.1E-08	1.0E-08	2.2E-09	4.8E-08
544	R_36	387069.21	3743322.33	387069.21, 3743322.33	7.98E-05	6.26E-05	2.8E-08	8.3E-08	6.5E-08	3.8E-08	3.4E-08	1.57E-08	1.1E-09	1.7E-08	6.9E-09	1.2E-08	1.1E-08	2.5E-09	5.2E-08
545	R_36	387119.21	3742972.33	387119.21, 3742972.33	8.19E-05	3.34E-05	2.8E-08	8.6E-08	3.5E-08	2.0E-08	1.8E-08	8.36E-09	1.1E-09	1.8E-08	3.7E-09	6.7E-09	6.0E-09	1.3E-09	3.7E-08
546	R_37	387119.21	3743022.33	387119.21, 3743022.33	8.45E-05	3.63E-05	2.9E-08	8.8E-08	3.8E-08	2.2E-08	2.0E-08	9.07E-09	1.1E-09	1.9E-08	4.0E-09	7.2E-09	6.6E-09	1.4E-09	3.9E-08
547	R_37	387119.21	3743072.33	387119.21, 3743072.33	8.68E-05	3.97E-05	3.0E-08	9.1E-08	4.1E-08	2.4E-08	2.2E-08	9.93E-09	1.2E-09	1.9E-08	4.3E-09	7.9E-09	7.2E-09	1.6E-09	4.1E-08
548	R_37	387119.21	3743122.33	387119.21, 3743122.33	8.91E-05	4.39E-05	3.1E-08	9.3E-08	4.6E-08	2.7E-08	2.4E-08	1.10E-08	1.2E-09	2.0E-08	4.8E-09	8.8E-09	7.9E-09	1.7E-09	4.4E-08
549	R_37	387119.21	3743172.33	387119.21, 3743172.33	9.14E-05	4.92E-05	3.2E-08	9.5E-08	5.1E-08	3.0E-08	2.7E-08	1.23E-08	1.2E-09	2.0E-08	5.4E-09	9.8E-09	8.9E-09	1.9E-09	4.7E-08
550	R_37	387119.21	3743222.33	387119.21, 3743222.33	9.35E-05	5.59E-05	3.2E-08	9.8E-08	5.8E-08	3.4E-08	3.1E-08	1.40E-08	1.3E-09	2.0E-08	6.1E-09	1.1E-08	1.0E-08	2.2E-09	5.1E-08
551	R_37	387119.21	3743272.33	387119.21, 3743272.33	9.65E-05	6.36E-05	3.3E-08	1.0E-07	6.7E-08	3.9E-08	3.5E-08	1.59E-08	1.3E-09	2.1E-08	7.0E-09	1.3E-08	1.2E-08	2.5E-09	5.6E-08
552	R_37	387119.21	3743322.33	387119.21, 3743322.33	9.90E-05	7.25E-05	3.4E-08	1.0E-07	7.6E-08	4.4E-08	4.0E-08	1.81E-08	1.3E-09	2.2E-08	7.9E-09	1.4E-08	1.3E-08	2.9E-09	6.1E-08
553	R_37	387169.21	3742972.33	387169.21, 3742972.33	1.02E-04	3.54E-05	3.5E-08	1.1E-07	3.7E-08	2.1E-08	1.9E-08	8.85E-09	1.4E-09	2.2E-08	3.9E-09	7.1E-09	6.4E-09	1.4E-09	4.2E-08
554	R_37	387169.21	3743022.33	387169.21, 3743022.33	1.06E-04	3.86E-05	3.7E-08	1.1E-07	4.0E-08	2.3E-08	2.1E-08	9.66E-09	1.4E-09	2.3E-08	4.2E-09	7.7E-09	7.0E-09	1.5E-09	4.5E-08
555	R_37	387169.21	3743072.33	387169.21, 3743072.33	1.10E-04	4.25E-05	3.8E-08	1.1E-07	4.4E-08	2.6E-08	2.3E-08	1.06E-08	1.5E-09	2.4E-08	4.7E-09	8.5E-09	7.7E-09	1.7E-09	4.8E-08
556	R_38	387169.21	3743122.33	387169.21, 3743122.33	1.14E-04	4.76E-05	3.9E-08	1.2E-07	5.0E-08	2.9E-08	2.6E-08	1.19E-08	1.6E-09	2.5E-08	5.2E-09	9.5E-09	8.6E-09	1.9E-09	5.2E-08
557	R_38	387169.21	3743172.33	387169.21, 3743172.33	1.18E-04	5.41E-05	4.1E-08	1.2E-07	5.7E-08	3.3E-08	3.0E-08	1.35E-08	1.6E-09	2.6E-08	5.9E-09	1.1E-08	9.8E-09	2.1E-09	5.6E-08
558	R_38	387169.21	3743222.33	387169.21, 3743222.33	1.22E-04	6.28E-05	4.2E-08	1.3E-07	6.6E-08	3.8E-08	3.4E-08	1.57E-08	1.7E-09	2.7E-08	6.9E-09	1.3E-08	1.1E-08	2.5E-09	6.2E-08
559	R_38	387169.21	3743272.33	387169.21, 3743272.33	1.27E-04	7.43E-05	4.4E-08	1.3E-07	7.8E-08	4.5E-08	4.1E-08	1.86E-08	1.7E-09	2.8E-08	8.1E-09	1.5E-08	1.3E-08	2.9E-09	6.9E-08
560	R_38	387169.21	3743322.33	387169.21, 3743322.33	1.30E-04	8.82E-05	4.5E-08	1.4E-07	9.2E-08	5.3E-08	4.8E-08	2.21E-08	1.8E-09	2.8E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	7.7E-08
561	R_38	387219.21	3742972.33	387219.21, 3742972.33	1.34E-04	3.75E-05	4.6E-08	1.4E-07	3.9E-08	2.3E-08	2.1E-08	9.38E-09	1.8E-09	2.9E-08	4.1E-09	7.5E-09	6.8E-09	1.5E-09	5.1E-08
562	R_38	387219.21	3743022.33	387219.21, 3743022.33	1.37E-04	4.11E-05	4.8E-08	1.4E-07	4.3E-08	2.5E-08	2.3E-08	1.03E-08	1.9E-09	3.0E-08	4.5E-09	8.2E-09	7.4E-09	1.6E-09	5.4E-08
563	R_38	387219.21	3743072.33	387219.21, 3743072.33	1.40E-04	4.58E-05	4.8E-08	1.5E-07	4.8E-08	2.8E-08	2.5E-08	1.15E-08	1.9E-09	3.1E-08	5.0E-09	9.1E-09	8.3E-09	1.8E-09	5.7E-08
564	R_38	387219.21	3743122.33	387219.21, 3743122.33	1.43E-04	5.18E-05	5.0E-08	1.5E-07	5.4E-08	3.1E-08	2.8E-08	1.30E-08	2.0E-09	3.1E-08	5.7E-09	1.0E-08	9.4E-09	2.0E-09	6.1E-08
565	R_38	387219.21	3743172.33	387219.21, 3743172.33	1.46E-04	6.00E-05	5.0E-08	1.5E-07	6.3E-08	3.6E-08	3.3E-08	1.50E-08	2.0E-09	3.2E-08	6.6E-09	1.2E-08	1.1E-08	2.4E-09	6.6E-08
566	R_39	387219.21	3743222.33	387219.21, 3743222.33	4.73E-05	7.19E-05	1.6E-08	4.9E-08	7.5E-08	4.3E-08	3.9E-08	1.80E-08	6.4E-10	1.0E-08	7.9E-09	1.4E-08	1.3E-08	2.8E-09	4.9E-08
567	R_39	387219.21	3743272.33	387219.21, 3743272.33	4.81E-05	9.03E-05	1.7E-08	5.0E-08	9.4E-08	5.5E-08	5.0E-08	2.26E-08	6.5E-10	1.1E-08	9.9E-09	1.8E-08	1.6E-08	3.6E-09	5.9E-08
568	R_39	387219.21	3743322.33	387219.21, 3743322.33	4.91E-05	1.18E-04	1.7E-08	5.1E-08	1.2E-07	7.1E-08	6.5E-08	2.95E-08	6.7E-10	1.1E-08	1.3E-08	2.4E-08	2.1E-08	4.7E-09	7.4E-08
569	R_39	387269.21	3742972.33	387269.21, 3742972.33	5.01E-05	3.97E-05	1.7E-08	5.2E-08	4.2E-08	2.4E-08	2.2E-08	9.94E-09	6.8E-10	1.1E-08	4.3E-09	7.9E-09	7.2E-09	1.6E-09	3.3E-08
570	R_39	387269.21	3743022.33	387269.21, 3743022.33	5.11E-05	4.40E-05	1.8E-08	5.3E-08	4.6E-08	2.7E-08	2.4E-08	1.10E-08	6.9E-10	1.1E-08	4.8E-09	8.8E-09	8.0E-09	1.7E-09	3.5E-08
571	R_39	387269.21	3743072.33	387269.21, 3743072.33	5.21E-05	4.95E-05	1.8E-08	5.4E-08	5.2E-08	3.0E-08	2.7E-08	1.24E-08	7.1E-10	1.1E-08	5.4E-09	9.9E-09	9.0E-09	2.0E-09	3.8E-08
572	R_39	387269.21	3743122.33	387269.21, 3743122.33	5.33E-05	5.67E-05	1.8E-08	5.6E-08	5.9E-08	3.4E-08	3.1E-08	1.42E-08	7.2E-10	1.2E-08	6.2E-09	1.1E-08	1.0E-08	2.2E-09	4.2E-08
573	R_39	387269.21	3743172.33	387269.21, 3743172.33	5.44E-05	6.72E-05	1.9E-08	5.7E-08	7.0E-08	4.1E-08	3.7E-08	1.68E-08	7.4E-10	1.2E-08	7.4E-09	1.3E-08	1.2E-08	2.7E-09	4.8E-08
574	R_39	387269.21	3743222.33	387269.21, 3743222.33	5.57E-05	8.39E-05	1.9E-08	5.8E-08	8.8E-08	5.1E-08	4.6E-08	2.10E-08	7.6E-10	1.2E-08	9.2E-09	1.7E-08	1.5E-08	3.3E-09	5.7E-08
575	R_39	387269.21	3743272.33	387269.21, 3743272.33	5.73E-05	1.16E-04	2.0E-08	6.0E-08	1.2E-07	7.0E-08	6.4E-08	2.90E-08	7.8E-10	1.3E-08	1.3E-08	2.3E-08	2.1E-08	4.6E-09	7.5E-08
576	R_40	387269.21	3743322.33	387269.21, 3743322.33	5.88E-05	2.04E-04	2.0E-08	6.1E-08	2.1E-07	1.2E-07	1.1E-07	5.11E-08	8.0E-10	1.3E-08	2.2E-08	4.1E-08	3.7E-08	8.1E-09	1.2E-07
577	R_40	387319.21	3742972.33	387319.21, 3742972.33	6.06E-05	4.24E-05	2.1E-08	6.3E-08	4.4E-08	2.6E-08	2.3E-08	1.06E-08	8.2E-10	1.3E-08	4.6E-09	8.5E-09	7.7E-09	1.7E-09	3.7E-08
578	R_40	387319.21	3743022.33	387319.21, 3743022.33	6.25E-05	4.74E-05	2.2E-08	6.5E-08	4.9E-08	2.9E-08	2.6E-08	1.19E-08	8.5E-10	1.4E-08	5.2E-09	9.5E-09	8.6E-09	1.9E-09	4.0E-08
579	R_40	387319.21	3743072.33	387319.21, 3743072.33	6.47E-05	5.40E-05	2.2E-08	6.8E-08	5.6E-08	3.3E-08	3.0E-08	1.35E-08	8.8E-10	1.4E-08	5.9E-09	1.1E-08	9.8E-09	2.1E-09	4.4E-08
580	R_40	387319.21	3743122.33	387319.21, 3743122.33	6.70E-05	6.31E-05	2.3E-08	7.0E-08	6.6E-08	3.8E-08	3.5E-08	1.58E-08	9.1E-10	1.5E-08	6.9E-09	1.3E-08	1.1E-08	2.5E-09	4.9E-08
581	R_40	387319.21	3743172.33	387319.21, 3743172.33	6.93E-05	7.69E-05	2.4E-08	7.2E-08	8.0E-08	4.7E-08	4.2E-08	1.92E-08	9.4E-10	1.5E-08	8.4E-09	1.5E-08	1.4E-08	3.0E-09	5.7E-08
582	R_40	387319.21	3743222.33	387319.21, 3743222.33	7.17E-05	1.02E-04	2.5E-08	7.5E-08	1.1E-07	6.2E-08	5.6E-08	2.55E-08	9.8E-10	1.6E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	7.1E-08
583	R_40	387319.21	3743272.33	387319.21, 3743272.33	7.43E-05	1.63E-04	2.6E-08	7.8E-08	1.7E-07	9.8E-08	8.9E-08	4.07E-08	1.0E-09	1.6E-08	1.8E-08	3.2E-08	2.9E-08	6.4E-09	1.0E-07
584	R_40	387319.21	3743322.33	387319.21, 3743322.33	7.64E-05	5.36E-04	2.6E-08	8.0E-08	5.6E-07	3.2E-07	2.9E-07	1.34E-07	1.0E-09	1.7E-08	5.9E-08	1.1E-07	9.7E-08	2.1E-08	3.0E-07
585	R_40	387369.21	3742972.33	387369.21, 3742972.33	7.86E-05	4.52E-05	2.7E-08	8.2E-08	4.7E-08	2.7E-08	2.5E-08	1.13E-08	1.1E-09	1.7E-08	5.0E-09	9.0E-09	8.2E-09	1.8E-09	4.2E-08
586	R_41	387369.21	3743022.33	387369.21, 3743022.33	8.04E-05	5.12E-05	2.8E-08	8.4E-08	5.3E-08	3.1E-08	2.8E-08	1.28E-08	1.1E-09	1.8E-08	5.6E-09	1.0E-08	9.3E-09	2.0E-09	4.6E-08
587	R_41	387369.21	3743072.33	387369.21, 3743072.33	8.24E-05	5.91E-05	2.9E-08	8.6E-08	6.2E-08	3.6E-08	3.2E-08	1.48E-08	1.1E-09	1.8E-08	6.5E-09	1.2E-08	1.1E-08	2.3E-09	5.0E-08
588	R_41	387369.21	3743122.33	387369.21, 3743122.33	8.43E-05	7.06E-05	2.9E-08	8.8E-08	7.4E-08	4.3E-08	3.9E-08	1.77E-08	1.1E-09	1.8E-08	7.7E-09	1.4E-08	1.3E-08	2.8E-09	5.7E-08
589	R_41	387369.21	3743172.33	387369.21, 3743172.33	8.63E-05	8.93E-05	3.0E-08	9.0E-08	9.3E-08	5.4E-08	4.9E-08	2.23E-08	1.2E-09	1.9E-08	9.8E-09	1.8E-08	1.6E-08	3.5E-09	6.7E-08
590	R_41	387369.21	3743222.33	387369.21, 3743222.33	8.88E-05	1.27E-04	3.1E-08	9.3E-08	1.3E-07	7.7E-08	6.9E-08	3.17E-08	1.2E-09	1.9E-08	1.4E-08	2.5E-08	2.3E-08	5.0E-09	8.8E-08
591	R_41	387369.21	3743272.33	387369.21, 3743272.33	9.14E-05	2.32E-04	3.2E-08	9.5E-08	2.4E-07	1.4E-07	1.3E-07	5.80E-08	1.2E-09	2.0E-08	2.5E-08	4.6E-08	4.2E-08	9.2E-09	1.4E-07
592	R_41	387419.21	3742972.33	387419.21, 3742972.33	1.03E-04	4.85E-05	3.6E-08	1.1E-07	5.1E-08	2.9E-08	2.7E-08	1.21E-08	1.4E-09	2.3E-08	5.3E-09	9.7E-09	8.8E-09	1.9E-09	5.0E-08
593	R_41	387419.21	3743022.33	387419.21, 3743022.33	1.07E-04	5.55E-05	3.7E-08	1.1E-07	5.8E-08	3.4E-08	3.0E-08	1.39E-08	1.4E-09	2.3E-08	6.1E-09	1.1E-08	1.0E-08	2.2E-09	5.4E-08
594	R_41	387419.21	3743072.33	387419.21, 3743072.33	1.10E-04	6.50E-05	3.8E-08	1.1E-07	6.8E-08	3.9E-08	3.6E-08	1.63E-08	1.5E-09	2.4E-08	7.1E-09	1.3E-08	1.2E-08	2.6E-09	6.0E-08
595	R_41	387419.21	3743122.33	387419.21, 3743122.33	1.14E-04	7.94E-05	3.9E-08	1.2E-07	8.3E-08	4.8E-08	4.4E-08	1.99E-08	1.5E-09	2.5E-08	8.7E-09	1.6E-08	1.4E-08	3.1E-09	6.9E-08

596	R_42	387419.21	3743172.33	387419.21, 3743172.33	1.18E-04	1.04E-04	4.1E-08	1.2E-07	1.1E-07	6.3E-08	5.7E-08	2.60E-08	1.6E-09	2.6E-08	1.1E-08	2.1E-08	1.9E-08	4.1E-09	8.3E-08
597	R_42	387419.21	3743222.33	387419.21, 3743222.33	1.21E-04	1.55E-04	4.2E-08	1.3E-07	1.6E-07	9.4E-08	8.5E-08	3.88E-08	1.6E-09	2.7E-08	1.7E-08	3.1E-08	2.8E-08	6.1E-09	1.1E-07
598	R_42	387419.21	3743272.33	387419.21, 3743272.33	1.25E-04	2.83E-04	4.3E-08	1.3E-07	3.0E-07	1.7E-07	1.6E-07	7.09E-08	1.7E-09	2.7E-08	3.1E-08	5.7E-08	5.1E-08	1.1E-08	1.8E-07
599	R_42	387469.21	3743072.33	387469.21, 3743072.33	1.28E-04	7.18E-05	4.4E-08	1.3E-07	7.5E-08	4.3E-08	3.9E-08	1.80E-08	1.7E-09	2.8E-08	7.9E-09	1.4E-08	1.3E-08	2.8E-09	6.8E-08
600	R_42	387469.21	3743122.33	387469.21, 3743122.33	1.30E-04	8.95E-05	4.5E-08	1.4E-07	9.4E-08	5.4E-08	4.9E-08	2.24E-08	1.8E-09	2.8E-08	9.8E-09	1.8E-08	1.6E-08	3.5E-09	7.8E-08
601	R_42	387469.21	3743172.33	387469.21, 3743172.33	1.33E-04	1.20E-04	4.6E-08	1.4E-07	1.3E-07	7.3E-08	6.6E-08	3.01E-08	1.8E-09	2.9E-08	1.3E-08	2.4E-08	2.2E-08	4.7E-09	9.5E-08
602	R_42	387469.21	3743222.33	387469.21, 3743222.33	1.35E-04	1.79E-04	4.7E-08	1.4E-07	1.9E-07	1.1E-07	9.8E-08	4.49E-08	1.8E-09	3.0E-08	2.0E-08	3.6E-08	3.2E-08	7.1E-09	1.3E-07
603	R_42	387469.21	3743272.33	387469.21, 3743272.33	4.61E-05	3.07E-04	1.6E-08	4.8E-08	3.2E-07	1.9E-07	1.7E-07	7.69E-08	6.3E-10	1.0E-08	3.4E-08	6.1E-08	5.6E-08	1.2E-08	1.7E-07
604	W_11	387578.38	3743390.44	387578.38, 3743390.44	4.70E-05	3.88E-04	1.6E-08	4.9E-08	4.1E-07	2.3E-07	2.1E-07	9.71E-08	6.4E-10	1.0E-08	4.2E-08	7.7E-08	7.0E-08	1.5E-08	2.2E-07
605	W_11	387608.38	3743390.44	387608.38, 3743390.44	4.79E-05	3.04E-04	1.7E-08	5.0E-08	3.2E-07	1.8E-07	1.7E-07	7.62E-08	6.5E-10	1.0E-08	3.3E-08	6.1E-08	5.5E-08	1.2E-08	1.7E-07
606	W_11	387638.38	3743390.44	387638.38, 3743390.44	4.88E-05	2.62E-04	1.7E-08	5.1E-08	2.7E-07	1.6E-07	1.4E-07	6.55E-08	6.6E-10	1.1E-08	2.9E-08	5.2E-08	4.7E-08	1.0E-08	1.5E-07
607	W_11	387369.87	3743365.2	387369.87, 3743365.2	4.98E-05	6.06E-04	1.7E-08	5.2E-08	6.3E-07	3.7E-07	3.3E-07	1.52E-07	6.8E-10	1.1E-08	6.6E-08	1.2E-07	1.1E-07	2.4E-08	3.3E-07
608	W_11	387399.87	3743365.2	387399.87, 3743365.2	5.08E-05	6.24E-04	1.8E-08	5.3E-08	6.5E-07	3.8E-07	3.4E-07	1.56E-07	6.9E-10	1.1E-08	6.8E-08	1.2E-07	1.1E-07	2.5E-08	3.4E-07
609	W_11	387429.87	3743365.2	387429.87, 3743365.2	5.18E-05	6.41E-04	1.8E-08	5.4E-08	6.7E-07	3.9E-07	3.5E-07	1.60E-07	7.0E-10	1.1E-08	7.0E-08	1.3E-07	1.2E-07	2.5E-08	3.5E-07
610	W_11	387459.87	3743365.2	387459.87, 3743365.2	5.30E-05	6.68E-04	1.8E-08	5.5E-08	7.0E-07	4.0E-07	3.7E-07	1.67E-07	7.2E-10	1.2E-08	7.3E-08	1.3E-07	1.2E-07	2.6E-08	3.7E-07
611	W_11	387489.87	3743365.2	387489.87, 3743365.2	5.42E-05	7.65E-04	1.9E-08	5.7E-08	8.0E-07	4.6E-07	4.2E-07	1.91E-07	7.4E-10	1.2E-08	8.4E-08	1.5E-07	1.4E-07	3.0E-08	4.2E-07
612	W_11	387489.87	3743395.2	387489.87, 3743395.2	5.57E-05	6.73E-04	1.9E-08	5.8E-08	7.0E-07	4.1E-07	3.7E-07	1.69E-07	7.6E-10	1.2E-08	7.4E-08	1.3E-07	1.2E-07	2.7E-08	3.7E-07
613	R_42	388754.52	3743939.25	388754.52, 3743939.25	5.73E-05	4.03E-05	2.0E-08	6.0E-08	4.2E-08	2.4E-08	2.2E-08	1.01E-08	7.8E-10	1.3E-08	4.4E-09	8.0E-09	7.3E-09	1.6E-09	3.5E-08
614	R_42	388754.52	3743989.25	388754.52, 3743989.25	5.91E-05	3.44E-05	2.0E-08	6.2E-08	3.6E-08	2.1E-08	1.9E-08	8.62E-09	8.0E-10	1.3E-08	3.8E-09	6.9E-09	6.2E-09	1.4E-09	3.2E-08
615	R_43	388754.52	3744039.25	388754.52, 3744039.25	6.09E-05	3.23E-05	2.1E-08	6.4E-08	3.4E-08	2.0E-08	1.8E-08	8.08E-09	8.3E-10	1.3E-08	3.5E-09	6.4E-09	5.8E-09	1.3E-09	3.1E-08
616	R_43	388754.52	3744089.25	388754.52, 3744089.25	6.31E-05	4.09E-05	2.2E-08	6.6E-08	4.3E-08	2.5E-08	2.2E-08	1.02E-08	8.6E-10	1.4E-08	4.5E-09	8.2E-09	7.4E-09	1.6E-09	3.6E-08
617	R_43	388754.52	3744139.25	388754.52, 3744139.25	6.52E-05	3.91E-05	2.3E-08	6.8E-08	4.1E-08	2.4E-08	2.1E-08	9.77E-09	8.9E-10	1.4E-08	4.3E-09	7.8E-09	7.1E-09	1.5E-09	3.6E-08
618	R_43	388754.52	3744189.25	388754.52, 3744189.25	6.74E-05	3.76E-05	2.3E-08	7.0E-08	3.9E-08	2.3E-08	2.1E-08	9.41E-09	9.2E-10	1.5E-08	4.1E-09	7.5E-09	6.8E-09	1.5E-09	3.6E-08
619	R_43	388804.52	3743889.25	388804.52, 3743889.25	6.96E-05	4.15E-05	2.4E-08	7.3E-08	4.3E-08	2.5E-08	2.3E-08	1.04E-08	9.5E-10	1.5E-08	4.5E-09	8.3E-09	7.5E-09	1.6E-09	3.8E-08
620	R_43	388804.52	3743939.25	388804.52, 3743939.25	7.17E-05	3.50E-05	2.5E-08	7.5E-08	3.7E-08	2.1E-08	1.9E-08	8.76E-09	9.7E-10	1.6E-08	3.8E-09	7.0E-09	6.3E-09	1.4E-09	3.5E-08
621	R_43	388804.52	3743989.25	388804.52, 3743989.25	7.35E-05	2.98E-05	2.5E-08	7.7E-08	3.1E-08	1.8E-08	1.6E-08	7.46E-09	1.0E-09	1.6E-08	3.3E-09	5.9E-09	5.4E-09	1.2E-09	3.3E-08
622	R_43	388804.52	3744039.25	388804.52, 3744039.25	7.52E-05	2.63E-05	2.6E-08	7.9E-08	2.7E-08	1.6E-08	1.4E-08	6.57E-09	1.0E-09	1.6E-08	2.9E-09	5.2E-09	4.8E-09	1.0E-09	3.1E-08
623	R_43	388804.52	3744089.25	388804.52, 3744089.25	7.71E-05	2.58E-05	2.7E-08	8.1E-08	2.7E-08	1.6E-08	1.4E-08	6.45E-09	1.0E-09	1.7E-08	2.8E-09	5.1E-09	4.7E-09	1.0E-09	3.2E-08
624	R_43	388804.52	3744139.25	388804.52, 3744139.25	7.89E-05	3.57E-05	2.7E-08	8.2E-08	3.7E-08	2.2E-08	2.0E-08	8.92E-09	1.1E-09	1.7E-08	3.9E-09	7.1E-09	6.5E-09	1.4E-09	3.7E-08
625	R_44	388804.52	3744189.25	388804.52, 3744189.25	8.06E-05	3.44E-05	2.8E-08	8.4E-08	3.6E-08	2.1E-08	1.9E-08	8.61E-09	1.1E-09	1.8E-08	3.8E-09	6.9E-09	6.2E-09	1.4E-09	3.7E-08
626	R_44	388804.52	3744239.25	388804.52, 3744239.25	8.24E-05	3.33E-05	2.9E-08	8.6E-08	3.5E-08	2.0E-08	1.8E-08	8.33E-09	1.1E-09	1.8E-08	3.6E-09	6.6E-09	6.0E-09	1.3E-09	3.7E-08
627	R_44	388804.52	3744289.25	388804.52, 3744289.25	8.44E-05	3.23E-05	2.9E-08	8.8E-08	3.4E-08	2.0E-08	1.8E-08	8.07E-09	1.1E-09	1.8E-08	3.5E-09	6.4E-09	5.8E-09	1.3E-09	3.7E-08
628	R_44	388854.52	3743889.25	388854.52, 3743889.25	8.66E-05	3.70E-05	3.0E-08	9.1E-08	3.9E-08	2.2E-08	2.0E-08	9.26E-09	1.2E-09	1.9E-08	4.1E-09	7.4E-09	6.7E-09	1.5E-09	4.0E-08
629	R_44	388854.52	3743939.25	388854.52, 3743939.25	1.14E-04	3.14E-05	3.9E-08	1.2E-07	3.3E-08	1.9E-08	1.7E-08	7.85E-09	1.5E-09	2.5E-08	3.4E-09	6.3E-09	5.7E-09	1.2E-09	4.3E-08
630	R_44	388854.52	3743989.25	388854.52, 3743989.25	1.17E-04	2.69E-05	4.0E-08	1.2E-07	2.8E-08	1.6E-08	1.5E-08	6.72E-09	1.6E-09	2.6E-08	2.9E-09	5.4E-09	4.9E-09	1.1E-09	4.1E-08
631	R_44	388854.52	3744039.25	388854.52, 3744039.25	1.19E-04	2.38E-05	4.1E-08	1.2E-07	2.5E-08	1.4E-08	1.3E-08	5.95E-09	1.6E-09	2.6E-08	2.6E-09	4.8E-09	4.3E-09	9.4E-10	4.0E-08
632	R_44	388854.52	3744089.25	388854.52, 3744089.25	1.22E-04	2.20E-05	4.2E-08	1.3E-07	2.3E-08	1.3E-08	1.2E-08	5.50E-09	1.7E-09	2.7E-08	2.4E-09	4.4E-09	4.0E-09	8.7E-10	4.0E-08
633	R_44	388854.52	3744139.25	388854.52, 3744139.25	1.24E-04	2.53E-05	4.3E-08	1.3E-07	2.6E-08	1.5E-08	1.4E-08	6.33E-09	1.7E-09	2.7E-08	2.8E-09	5.0E-09	4.6E-09	1.0E-09	4.2E-08
634	R_44	388854.52	3744189.25	388854.52, 3744189.25	1.26E-04	3.15E-05	4.4E-08	1.3E-07	3.3E-08	1.9E-08	1.7E-08	7.90E-09	1.7E-09	2.8E-08	3.5E-09	6.3E-09	5.7E-09	1.2E-09	4.6E-08
635	R_45	388854.52	3744239.25	388854.52, 3744239.25	4.50E-05	3.06E-05	1.6E-08	4.7E-08	3.2E-08	1.9E-08	1.7E-08	7.65E-09	6.1E-10	9.9E-09	3.3E-09	6.1E-09	5.5E-09	1.2E-09	2.7E-08
636	R_45	388854.52	3744289.25	388854.52, 3744289.25	4.58E-05	2.97E-05	1.6E-08	4.8E-08	3.1E-08	1.8E-08	1.6E-08	7.43E-09	6.2E-10	1.0E-08	3.3E-09	5.9E-09	5.4E-09	1.2E-09	2.6E-08
637	R_45	388854.52	3744339.25	388854.52, 3744339.25	4.66E-05	2.89E-05	1.6E-08	4.9E-08	3.0E-08	1.8E-08	1.6E-08	7.24E-09	6.3E-10	1.0E-08	3.2E-09	5.8E-09	5.2E-09	1.1E-09	2.6E-08
638	R_45	388904.52	3743889.25	388904.52, 3743889.25	4.74E-05	3.33E-05	1.6E-08	5.0E-08	3.5E-08	2.0E-08	1.8E-08	8.33E-09	6.4E-10	1.0E-08	3.6E-09	6.6E-09	6.0E-09	1.3E-09	2.9E-08
639	R_45	388904.52	3743939.25	388904.52, 3743939.25	4.83E-05	2.85E-05	1.7E-08	5.0E-08	3.0E-08	1.7E-08	1.6E-08	7.13E-09	6.6E-10	1.1E-08	3.1E-09	5.7E-09	5.2E-09	1.1E-09	2.6E-08
640	R_45	388904.52	3743989.25	388904.52, 3743989.25	4.93E-05	2.45E-05	1.7E-08	5.1E-08	2.6E-08	1.5E-08	1.3E-08	6.14E-09	6.7E-10	1.1E-08	2.7E-09	4.9E-09	4.4E-09	9.7E-10	2.4E-08
641	R_45	388904.52	3744039.25	388904.52, 3744039.25	5.02E-05	2.17E-05	1.7E-08	5.3E-08	2.3E-08	1.3E-08	1.2E-08	5.42E-09	6.8E-10	1.1E-08	2.4E-09	4.3E-09	3.9E-09	8.6E-10	2.3E-08
642	R_45	388904.52	3744089.25	388904.52, 3744089.25	5.14E-05	2.00E-05	1.8E-08	5.4E-08	2.1E-08	1.2E-08	1.1E-08	5.01E-09	7.0E-10	1.1E-08	2.2E-09	4.0E-09	3.6E-09	7.9E-10	2.3E-08
643	R_45	388904.52	3744139.25	388904.52, 3744139.25	5.26E-05	1.91E-05	1.8E-08	5.5E-08	2.0E-08	1.2E-08	1.0E-08	4.77E-09	7.2E-10	1.2E-08	2.1E-09	3.8E-09	3.4E-09	7.5E-10	2.2E-08
644	R_45	388904.52	3744189.25	388904.52, 3744189.25	5.42E-05	2.04E-05	1.9E-08	5.7E-08	2.1E-08	1.2E-08	1.1E-08	5.10E-09	7.4E-10	1.2E-08	2.2E-09	4.1E-09	3.7E-09	8.0E-10	2.3E-08
645	R_46	388904.52	3744239.25	388904.52, 3744239.25	5.57E-05	2.22E-05	1.9E-08	5.8E-08	2.3E-08	1.3E-08	1.2E-08	5.55E-09	7.6E-10	1.2E-08	2.4E-09	4.4E-09	4.0E-09	8.8E-10	2.5E-08
646	R_46	388904.52	3744289.25	388904.52, 3744289.25	5.72E-05	2.53E-05	2.0E-08	6.0E-08	2.6E-08	1.5E-08	1.4E-08	6.34E-09	7.8E-10	1.3E-08	2.8E-09	5.1E-09	4.6E-09	1.0E-09	2.7E-08
647	R_46	388904.52	3744339.25	388904.52, 3744339.25	5.91E-05	2.69E-05	2.0E-08	6.2E-08	2.8E-08	1.6E-08	1.5E-08	6.72E-09	8.0E-10	1.3E-08	2.9E-09	5.4E-09	4.9E-09	1.1E-09	2.8E-08
648	R_46	388904.52	3744389.25	388904.52, 3744389.25	6.11E-05	2.61E-05	2.1E-08	6.4E-08	2.7E-08	1.6E-08	1.4E-08	6.53E-09	8.3E-10	1.3E-08	2.9E-09	5.2E-09	4.7E-09	1.0E-09	2.8E-08
649	R_46	388904.52	3744439.25	388904.52, 3744439.25	6.32E-05	2.55E-05	2.2E-08	6.6E-08	2.7E-08	1.5E-08	1.4E-08	6.37E-09	8.6E-10	1.4E-08	2.8E-09	5.1E-09	4.6E-09	1.0E-09	2.8E-08
650	R_46	388954.52	3743939.25	388954.52, 3743939.25	6.53E-05	2.60E-05	2.3E-08	6.8E-08	2.7E-08	1.6E-08	1.4E-08	6.52E-09	8.9E-10	1.4E-08	2.9E-09	5.2E-09	4.7E-09	1.0E-09	2.9E-08
651	R_46	388954.52	3743989.25	388954.52, 3743989.25	6.71E-05	2.23E-05	2.3E-08	7.0E-08	2.3E-08	1.3E-08	1.2E-08	5.58E-09	9.1E-10	1.5E-08	2.4E-09	4.4E-09	4.0E-09	8.8E-10	2.7E-08
652	R_46	388954.52	3744039.25	388954.52, 3744039.25	6.87E-05	1.97E-05	2.4E-08	7.2E-08	2.1E-08	1.2E-08	1.1E-08	4.94E-09	9.3E-10	1.5E-08	2.2E-09	3.9E-09	3.6E-09	7.8E-10	2.6E-08
653	R_46	388954.52	3744089.25	388954.52, 3744089.25	7.07E-05	1.81E-05	2.4E-08	7.4E-08	1.9E-08	1.1E-08	9.9E-09	4.52E-09	9.6E-10	1.5E-08	2.0E-09	3.6E-09	3.3E-09	7.1E-10	2.6E-08
654	R_46	388954.52	3744139.25	388954.52, 3744139.25	7.23E-05	1.71E-05	2.5E-08	7.6E-08	1.8E-08	1.0E-08	9.4E-09	4.27E-09	9.8E-10	1.6E-08	1.9E-09	3.4E-09	3.1E-09	6.7E-10	2.6E-08
655	S_46	388882.82	3743721.97	388882.82, 3743721.97	7.37E-05	5.33E-05	2.5E-08	7.7E-08	5.6E-08	3.2E-08	2.9E-08	1.33E-08	1.0E-09	1.6E-08	5.8E-09	1.1E-08	9.7E-09	2.1E-09	4.5E-08
656	S_47	388882.82	3743771.97	388882.82, 3743771.97	7.53E-05	4.70E-05	2.6E-08	7.9E-08	4.9E-08	2.8E-08	2.6E-08	1.18E-08	1.0E-09	1.7E-08	5.1E-09	9.4E-09	8.5E-09	1.9E-09	4.2E-08
657	S_48	388932.82	3743721.97	388932.82, 3743721.97	7.70E-05	4.68E-05	2.7E-08	8.0E-08	4.9E-08	2.8E-08	2.6E-08	1.17E-08	1.0E-09	1.7E-08	5.1E-09	9.3E-09	8.5E-09	1.8E-09	4.3E-08
658	S_49	388932.82	3743771.97	388932.82, 3743771.97	7.86E-05	4.19E-05	2.7E-08	8.2E-08	4.4E-08	2.5E-08	2.3E-08	1.05E-08	1.1E-09	1.7E-08	4.6E-09	8.4E-09	7.6E-09	1.7E-09	4.0E-08
659	S_50	388932.82	3743821.97	388932.82, 3743821.97	8.05E-05	3.73E-05	2.8E-08	8.4E-08	3.9E-08	2.3E-08	2.0E-08	9.35E-09	1.1E-09	1.8E-08	4.1E-09	7.5E-09	6.8E-09	1.5E-09	3.8E-08
660	W_11	387765.02	3743382.77	387765.02, 3743382.77	8.24E-05	1.98E-04	2.9E-08	8.6E-08	2.1E-07	1.2E-07	1.1E-07	4.96E-08	1.1E-09	1.8E-08	2.2E-08	4.0E-08	3.6E-08	7.8E-09	1.2E-07
661	W_12	387815.02	3743382.77	387815.02, 3743382.77	1.07E-04	1.91E-04	3.7E-08	1.1E-07	2.0E-07	1.2E-07	1.0E-07	4.79E-08	1.5E-09	2.3E-08	2.1E-08	3.8E-08	3.5E-08	7.6E-09	1.3E-07
662	W_12	387815.02	3743432.77	387815.02, 3743432.77	1.09E-04	2.19E-04	3.8E-08	1.1E-07	2.3E-07	1.3E-07	1.2E-07	5.48E-08	1.5E-09	2.4E-08	2.4E-08	4.4E-08	4.0E-08	8.6E-09	1.4E-07
663	W_12	387865.02	3743382.77	387865.02, 3743382.77	1.12E-04	1.89E-04	3.9E-08	1.2E-07	2.0E-07	1.1E-07	1.0E-07	4.74E-08	1.5E-09	2.5E-08	2.1E-08	3.8E-08	3.4E-08	7.5E-09	1.3E-07
664	W_12	387865.02	3743432.77	387865.02, 3743432.77	1.14E-04	2.16E-04	3.9E-08	1.2E-07	2.3E-07	1.3E-07	1.2E-07	5.42E-08	1.5E-09	2.5E-08	2.4E-08	4.3E-08	3.9E-08	8.5E-09	1.4E-07
665	W_12	387915.02	3743382.77	387915.02, 3743382.77	1.16E-04	1.92E-04	4.0E-08	1.2E-07	2.0E-07	1.2E-07	1.1E-07	4.80E-08	1.6E-09	2.5E-08	2.1E-08	3.8E-08	3.5E-08	7.6E-09	1.3E-07
666	W_12	387915.02	3743432.77	387915.02, 3743432.77	1.17E-04	2.20E-04	4.1E-08	1.2E-07	2.3E-07	1.3E-07	1.2E-07	5.50E-08	1.6E-09	2.6E-08	2.4E-08	4.4E-08	4.0E-08	8.7E-09	1.4E-07
667	W_12	387965.02	3743432.77	387965.02, 3743432.77	9.78E-05	2.27E-04	3.4E-08	1.0E-07	2.4E-07	1.4E-07	1.2E-07	5.68E-08	1.3E-09	2.1E-08	2.5E-08	4.5E-08	4.1E-08	9.0E-09	1.4E-07
668		387713.39	3743372.67	387713.39, 3743372.67	9.50E-05	2.08E-04	3.3E-08	9.9E-08	2.2E-07	1.3E-07	1.1E-07	5.20E-08	1.3E-09	2.1E-08	2.3E-08	4.2E-08	3.8E-08	8.2E-09	1.3E-07
669		387763.39	3743422.67	387763.39, 3743422.67	9.25E-05	2.21E-04	3.2E-08	9.7E-08	2.3E-07	1.3E-07	1.2E-07	5.53E-08	1.3E-09	2.0E-08	2.4E-08	4.4E-08	4.0E-08	8.7E-09	1.4E-07
670	R_47	387583.29	3743113.63	387583.29, 3743113.63	8.99E-05	1.07E-04	3.1E-08	9.4E-08	1.1E-07	6.5E-08	5.9E-08	2.69E-08	1.2E-09	2.0E-08	1.2E-08	2.1E-08	1.9E-08	4.2E-09	7.8E-08
671	R_47	387583.29	3743163.63	387583.29, 3743163.63	8.74E-05	1.40E-04	3.0E-08	9.1E-08	1.5E-07	8.5E-08	7.7E-08	3.51E-08	1.2E-09	1.9E-08	1.5E-08	2.8E-08	2.5E-08	5.5E-09	9.5E-08
672	R_47	387583.29	3743213.63	387583.29, 3743213.63	8.50E-05	1.89E-04	2.9E-08	8.9E-08	2.0E-07	1.1E-07	1.0E-07	4.73E-08	1.2E-09	1.9E-08	2.1E-08	3.8E-08	3.4E-08	7.5E-09	1.2E-07
673	R_47	387583.29	3743263.63	387583.29, 3743263.63	8.28E-05	2.63E-04	2.9E-08	8.6E-08	2.8E-07	1.6E-07	1.4E-07	6.59E-08	1.1E-09	1.8E-08	2.9E-08	5.3E-08	4.8E-08	1.0E-08	1.6E-07
674	R_47	387633.29	3743163.63	387633.29, 3743163.63	8.06E-05	1.43E-04	2.8E-08	8.4E-08	1.5E-07	8.7E-08	7.8E-08	3.58E-08	1.1E-09	1.8E-08	1.6E-08	2.9E-08	2.6E-08	5.6E-09	9.5E-08
675	R_47	387633.29	3743213.63	387633.29, 3743213.63	7.85E-05	1.82E-04	2.7E-08	8.2E-08	1.9E-07	1.1E-07	1.0E-07	4.56E-08	1.1E-09	1.7E-08	2.0E-08	3.6E-08	3.3E-08	7.2E-09	1.1E-07
676	R_47	387633.29	3743263.63	387633.29, 3743263.63	7.64E-05	2.26E-04	2.6E-08	8.0E-08	2.4E-07	1.4E-07	1.2E-07	5.66E-08	1.0E-09	1.7E-08	2.5E-08	4.5E-08	4.1E-08	8.9E-09	1.4E-07
677	R_47	387633.29	3743313.63	387633.29, 3743313.63	7.45E-05	2.55E-04	2.6E-08	7.8E-08	2.7E-07	1.5E-07	1.4E-07	6.37E-08	1.0E-09	1.6E-08	2.8E-08	5.1E-08	4.6E-08	1.0E-08	1.5E-07
678	R_47	387683.29	3743263.63	387683.29, 3743263.63	7.26E-05	1.93E-04	2.5E-08	7.6E-08	2.0E-07	1.2E-07	1.1E-07	4.84E-08	9.9E-10	1.6E-08	2.1E-08	3.9E-08	3.5E-08	7.6E-09	1.2E-07
679	R_47	387683.29	3743313.63	387683.29, 3743313.63	7.09E-05	2.08E-04	2.5E-08	7.4E-08	2.2E-07	1.3E-07	1.1E-07	5.19E-08	9.6E-10	1.6E-08	2.3E-08	4.1E-08	3.8E-08	8.2E-09	1.3E-07
680	W_12	388242.48	3743969.33	388242.48, 3743969.33	6.91E-05	2.92E-04	2.4E-08	7.2E-08	3.1E-07	1.8E-07	1.6E-07	7.32E-08	9.4E-10	1.5E-08	3.2E-08	5.8E-08	5.3E-08	1.2E-08	1.7E-07
681	W_12	388242.48	3744019.33	388242.48, 3744019.33	1.02E-04	2.36E-04	3.5E-08	1.1E-07	2.5E-07	1.4E-07	1.3E-07	5.92E-08	1.4E-09	2.2E-08	2.6E-08	4.7E-08	4.3E-08	9.3E-09	1.5E-07
682	W_12	388242.48	3744069.33	388242.48, 3744069.33	9.87E-05	2.08E-04	3.4E-08	1.0E-07	2.2E-07	1.3E-07	1.1E-07	5.20E-08	1.3E-09	2.2E-08	2.3E-08	4.1E-08	3.8E-08	8.2E-09	1.3E-07
683	W_13	388242.48	3744119.33	388242.48, 3744119.33	9.59E-05	1.87E-04	3.3E-08	1.0E-07	2.0E-07	1.1E-07	1.0E-07	4.67E-08	1.3E-09	2.1E-08	2.0E-08	3.7E-08	3.4E-08	7.4E-09	1.2E-07
684	W_13	388242.48	3744169.33	388242.48, 3744169.33	9.29E-05	1.69E-04	3.2E-08	9.7E-08	1.8E-07	1.0E-07	9.3E-08	4.24E-08	1.3E-09	2.0E-08	1.9E-08	3.4E-08	3.1E-08	6.7E-09	1.1E-07
685	W_13	388242.48	3744219.33	388242.48, 3744219.33	9.03E-05	1.54E-04	3.1E-08	9.4E-08	1.6E-07	9.3E-08	8.5E-08	3.86E-08	1.2E-09	2.0E-08	1.7E-08	3.1E-08	2.8E-08	6.1E-09	1.0E-07
686	W_13	388242.48	3744269.33	388242.48, 3744269.33	8.77E-05	1.41E-04	3.0E-08	9.2E-08	1.5E-07	8.5E-08	7.7E-08	3.52E-08	1.2E-09	1.9E-08	1.5E-08	2.8E-08	2.5E-08	5.6E-09	9.5E-08
687	W_13	388242.48	3744319.33	388242.48, 3744319.33	8.52E-05	1.28E-04	2.9E-08	8.9E-08	1.3E-07	7.8E-08	7.0E-08	3.21E-08	1.2E-09	1.9E-08	1.4E-08	2.6E-08	2.3E-08	5.1E-09	8.8E-08
688	W_13	388242.48	3744369.33	388242.48, 3744369.33	8.28E-05	1.17E-04	2.9E-08	8.7E-08	1.2E-07	7.1E-08	6.4E-08	2.92E-08	1.1E-09	1.8E-08	1.3E-08	2.3E-08	2.1E-08	4.6E-09	8.1E-08
689	W_13	388242.48	3744419.33	388242.48, 3744419.33	8.06E-05	1.06E-04	2.8E-08	8.4E-08	1.1E-07	6.4E-08	5.8E-08	2.65E-08	1.1E-09	1.8E-08	1.2E-08	2.1E-08	1.9E-08	4.2E-09	7.5E-08
690	W_13	388242.48	3744469.33	388242.48, 3744469.33	7.84E-05	9.63E-05	2.7E-08	8.2E-08	1.0E-07	5.8E-08	5.3E-08	2.41E-08	1.1E-09	1.7E-08	1.1E-08	1.9E-08	1.7E-08	3.8E-09	6.9E-08
691	W_13	388292.48	3743969.33	388292.48, 3743969.33	7.63E-05	2.16E-04	2.6E-08	8.0E-08	2.3E-07	1.3E-07	1.2E-07	5.41E-08	1.0E-09	1.7E-08	2.4E-08	4.3E-08	3.9E-08	8.5E-09	1.3E-07
692	W_13	388292.48	3744019.33	388292.48, 3744019.33	7.42E-05	1.80E-04	2.6E-08	7.8E-08	1.9E-07	1.1E-07	9.9E-08	4.50E-08	1.0E-09	1.6E-08	2.0E-08	3.6E-08	3.3E-08	7.1E-09	1.1E-07
693	W_14	388292.48	3744069.33	388292.48, 3744069.33	7.23E-05	1.61E-04	2.5E-08	7.6E-08	1.7E-07	9.7E-08	8.8E-08	4.03E-08	9.8E-10	1.6E-08	1.8E-08	3.2E-08	2.9E-08	6.4E-09	1.0E-07
694	W_14	388292.48	3744119.33	388292.48, 3744119.33	7.05E-05	1.48E-04	2.4E-08	7.4E-08	1.5E-07	8.9E-08	8.1E-08	3.70E-08	9.6E-10	1.5E-08	1.6E-08	3.0E-08	2.7E-08	5.8E-09	9.5E-08
695	W_14	388292.48	3744169.33	388292.48, 3744169.33	1.06E-04	1.36E-04	3.7E-08	1.1E-07	1.4E-07	8.2E-08	7.5E-08	3.41E-08	1.4E-09	2.3E-08	1.5E-08	2.7E-08	2.5E-08	5.4E-09	9.7E-08
696	W_14	388292.48	3744219.33	388292.48, 3744219.33	1.03E-04	1.26E-04	3.6E-08	1.1E-07	1.3E-07	7.6E-08	6.9E-08	3.16E-08	1.4E-09	2.3E-08	1.4E-08	2.5E-08	2.3E-08	5.0E-09	9.1E-08
697	W_14	388292.48	3744269.33	388292.48, 3744269.33	9.98E-05	1.17E-04	3.5E-08	1.0E-07	1.2E-07	7.1E-08	6.4E-08	2.92E-08	1.4E-09	2.2E-08	1.3E-08	2.3E-08	2.1E-08	4.6E-09	8.5E-08
698	W_14	388292.48	3744319.33	388292.48, 3744319.33	9.64E-05	1.08E-04	3.3E-08	1.0E-07	1.1E-07	6.5E-08	5.9E-08	2.70E-08	1.3E-09	2.1E-08	1.2E-08	2.2E-08	2.0E-08	4.3E-09	8.0E-08
699	W_14	388292.48	3744369.33	388292.48, 3744369.33	9.35E-05	9.94E-05	3.2E-08	9.8E-08	1.0E-07	6.0E-08	5.5E-08	2.49E-08	1.3E-09	2.0E-08	1.1E-08	2.0E-08	1.8E-08	3.9E-09	7.4E-08
700	W_14	388292.48	3744419.33	388292.48, 3744419.33	9.07E-05	9.15E-05	3.1E-08	9.5E-08	9.6E-08	5.5E-08	5.0E-08	2.29E-08	1.2E-09	2.0E-08	1.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
701	W_14	388292.48	3744469.33	388292.48, 3744469.33	8.80E-05	8.40E-05	3.0E-08	9.2E-08	8.8E-08	5.1E-08	4.6E-08	2.10E-08	1.2E-09	1.9E-08	9.2E-09	1.7E-08	1.5E-08	3.3E-09	6.5E-08
702	W_14	388292.48	3744519.33	388292.48, 3744519.33	8.55E-05	7.72E-05	3.0E-08	8.9E-08	8.1E-08	4.7E-08	4.2E-08	1.93E-08	1.2E-09	1.9E-08	8.4E-09	1.5E-08	1.4E-08	3.0E-09	6.1E-08
703	W_15	388292.48	3744569.33	388292.48, 3744569.33	8.30E-05	7.09E-05	2.9E-08	8.7E-08	7.4E-08	4.3E-08	3.9E-08	1.77E-08	1.1E-09	1.8E-08	7.8E-09	1.4E-08	1.3E-08	2.8E-09	5.7E-08
704	R_48	388780.42	3742965.27	388780.42, 3742965.27	8.06E-05	8.90E-05	2.8E-08	8.4E-08	9.3E-08	5.4E-08	4.9E-08	2.23E-08	1.1E-09	1.8E-08	9.8E-09	1.8E-08	1.6E-08	3.5E-09	6.6E-08
705	R_48	388780.42	3743015.27	388780.42, 3743015.27	7.84E-05	9.62E-05	2.7E-08	8.2E-08	1.0E-07	5.8E-08	5.3E-08	2.41E-08	1.1E-09	1.7E-08	1.1E-08	1.9E-08	1.7E-08	3.8E-09	6.9E-08
706	R_48	388780.42	3743065.27	388780.42, 3743065.27	7.63E-05	1.04E-04	2.6E-08	8.0E-08	1.1E-07	6.3E-08	5.7E-08	2.60E-08	1.0E-09	1.7E-08	1.1E-08	2.1E-08	1.9E-08	4.1E-09	7.3E-08
707	R_48	388780.42	3743115.27	388780.42, 3743115.27	7.42E-05	1.12E-04	2.6E-08	7.8E-08	1.2E-07	6.8E-08	6.2E-08	2.81E-08	1.0E-09	1.6E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	7.7E-08
708	R_48	388780.42	3743165.27	388780.42, 3743165.27	7.22E-05	1.21E-04	2.5E-08	7.6E-08	1.3E-07	7.3E-08	6.6E-08	3.03E-08	9.8E-10	1.6E-08	1.3E-08	2.4E-08	2.2E-08	4.8E-09	8.1E-08
709	R_48	388780.42	3743215.27	388780.42, 3743215.27	1.11E-04	1.30E-04	3.9E-08	1.2E-07	1.4E-07	7.8E-08	7.1E-08	3.24E-08	1.5E-09	2.4E-08	1.4E-08	2.6E-08	2.3E-08	5.1E-09	9.5E-08
710	R_48	388830.42	3742965.27	388830.42, 3742965.27	1.08E-04	8.88E-05	3.7E-08	1.1E-07	9.3E-08	5.4E-08	4.9E-08	2.22E-08	1.5E-09	2.4E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	7.2E-08
711	R_48	388830.42	3743015.27	388830.42, 3743015.27	1.04E-04	9.57E-05	3.6E-08	1.1E-07	1.0E-07	5.8E-08	5.3E-08	2.40E-08	1.4E-09	2.3E-08	1.0E-08	1.9E-08	1.7E-08	3.8E-09	7.5E-08
712	R_48	388830.42	3743065.27	388830.42, 3743065.27	1.00E-04	1.03E-04	3.5E-08	1.0E-07	1.1E-07	6.2E-08	5.7E-08	2.58E-08	1.4E-09	2.2E-08	1.1E-08	2.1E-08	1.9E-08	4.1E-09	7.8E-08
713	R_48	388830.42	3743115.27	388830.42, 3743115.27	9.70E-05	1.11E-04	3.4E-08	1.0E-07	1.2E-07	6.7E-08	6.1E-08	2.78E-08	1.3E-09	2.1E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	8.1E-08
714	R_49	388830.42	3743165.27	388830.42, 3743165.27	9.40E-05	1.19E-04	3.3E-08	9.8E-08	1.2E-07	7.2E-08	6.5E-08	2.98E-08	1.3E-09	2.1E-08	1.3E-08	2.4E-08	2.2E-08	4.7E-09	8.5E-08
715	R_49	388880.42	3742965.27	388880.42, 3742965.27	9.11E-05	8.86E-05	3.2E-08	9.5E-08	9.3E-08	5.4E-08	4.9E-08	2.22E-08	1.2E-09	2.0E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	6.8E-08
716	R_49	388880.42	3743015.27	388880.42, 3743015.27	8.83E-05	9.51E-05	3.1E-08	9.2E-08	9.9E-08	5.8E-08	5.2E-08	2.38E-08	1.2E-09	1.9E-08	1.0E-08	1.9E-08	1.7E-08	3.8E-09	7.1E-08

717	R_49	388880.42	3743065.27	388880.42, 3743065.27	8.57E-05	1.02E-04	3.0E-08	9.0E-08	1.1E-07	6.2E-08	5.6E-08	2.56E-08	1.2E-09	1.9E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	7.4E-08
718	R_49	388880.42	3743115.27	388880.42, 3743115.27	8.31E-05	1.09E-04	2.9E-08	8.7E-08	1.1E-07	6.6E-08	6.0E-08	2.73E-08	1.1E-09	1.8E-08	1.2E-08	2.2E-08	2.0E-08	4.3E-09	7.7E-08
719	R_49	388880.42	3743165.27	388880.42, 3743165.27	8.07E-05	1.15E-04	2.8E-08	8.4E-08	1.2E-07	7.0E-08	6.3E-08	2.89E-08	1.1E-09	1.8E-08	1.3E-08	2.3E-08	2.1E-08	4.6E-09	8.0E-08
720	R_49	388930.42	3742965.27	388930.42, 3742965.27	7.84E-05	8.81E-05	2.7E-08	8.2E-08	9.2E-08	5.3E-08	4.8E-08	2.21E-08	1.1E-09	1.7E-08	9.7E-09	1.8E-08	1.6E-08	3.5E-09	6.5E-08
721	R_49	388930.42	3743015.27	388930.42, 3743015.27	7.61E-05	9.43E-05	2.6E-08	8.0E-08	9.9E-08	5.7E-08	5.2E-08	2.36E-08	1.0E-09	1.7E-08	1.0E-08	1.9E-08	1.7E-08	3.7E-09	6.8E-08
722	R_49	388930.42	3743065.27	388930.42, 3743065.27	7.40E-05	1.00E-04	2.6E-08	7.7E-08	1.1E-07	6.1E-08	5.5E-08	2.51E-08	1.0E-09	1.6E-08	1.1E-08	2.0E-08	1.8E-08	4.0E-09	7.0E-08
723	R_49	388930.42	3743115.27	388930.42, 3743115.27	1.09E-04	1.06E-04	3.8E-08	1.1E-07	1.1E-07	6.4E-08	5.8E-08	2.66E-08	1.5E-09	2.4E-08	1.2E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
724	R_50	388930.42	3743165.27	388930.42, 3743165.27	1.05E-04	1.11E-04	3.6E-08	1.1E-07	1.2E-07	6.7E-08	6.1E-08	2.78E-08	1.4E-09	2.3E-08	1.2E-08	2.2E-08	2.0E-08	4.4E-09	8.3E-08

Residential DOSEair = (Cair*(BR/BW)*A*EF*10^{-6})

A	1	Inhalation absorption factor[1]
EF	0.96	Exposure frequency (350/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk = DOSEair * CPF * ASF * ED/AT * FAH

CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Age	BR/BW	ASF	FAH	ED	
3rd	361	10	1	0.25	- Construction
0<2 (C)	1090	10	1	1.33	- Construction
0<2 (O)	1090	10	1	0.67	- Operations
2<9	631	3	1	7.00	- Operations
9<16	572	3	1	7.00	- Operations
16<30	261	1	0.73	13.75	- Operations
			Total:	*30*	

Notes:

1 Inhalation Absorption Factor, OEHHA 2015, p 5-24
2 Exposure Frequency (days/year), OEHHA 2015, p 5-24, 350/365 days in a year for a resident, and OEHHA 2015, p 5-28, 250/365 days, 5 days/week, 50 weeks/year
3 µg to mg conversions, liters to cubic meters conversion, OEHHA 2015, Equation5.4.1.1, page 5-24
4 Cancer Potency Factor for DPM, OEHHA 2015, Table 7.1, page 7-5
5 Averaging Time, OEHHA 2015, Equation 8.2.4 A, page 8-7
6 Daily Breathing Rate normalized to Body Weight, OEHHA 2015, Table 5.7, page 5-25 (95 %ile for 3rd-2yrs, 80th for other age groups)
7 Age Sensitivity Factor, OEHHA 2015, Table 8.3, page 8-5
8 Exposure Duration, OEHHA 2015, Equation 8.2.4 A, page 8-7
9 Fraction of Time at Home, OEHHA 2015, Table 8.4, page 8-5
10 Worker Adjustment Factor, OEHHA 2015, Equation 5.4.1.2 B, page 5-29

Off-Road Equipment

			Forklifts		Generators	
				Unmitigated		Unmitigated
Building	SF	KSF	Quantity	tons/yr	Quantity	tons/yr
1	332,090	332.09	1	0.0005	1	0.0024

Hostlers

3.6 hostlers per million sf

Forklifts

0.02 per ksf

Forklift PM10

Unmitigated 0.001 tons/yr

Mitigated 0.000 tons/yr

Yard Truck PM10

Unmitigated 0.000 tons/yr

Mitigated 0.000 tons/yr

Generator PM10

Unmitigated 0.002 tons/yr

Source: *SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results* , June 2014, Table 9 Pallet Jack/Forklift Usage, page 9.
http://www.aqmd.gov/docs/default-source/ceqa/handbook/high-cube-warehouse-trip-rate-study-for-air-quality-analysis/business-survey-summary.pdf

Cargo Handling Equipment Emissions

Equipment Type	Units	Hours/ Day	Days/ Year	HP	LF	Tier	HP-h/ day	HP Bin
Yard Trucks	0	8	365	190	0.38	Tier 4 Final	0	>175<300
Forklifts	1	8	365	82	0.2	Tier 4 Final	131.2	>75<120

EF (g/bhp-hr)

	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O
Yard Trucks	0.05	0.26	2.6	0.005	0.01	0.01	527	0.021	0.004
Forklifts	0.05	0.26	3.7	0.005	0.01	0.01	527	0.021	0.004

Emissions (lbs/day)

	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O
Yard Trucks	0	0	0	0	0	0	0	0	0
Forklifts	0.0145	0.0752	1.07021	0.00145	0.00289	0.00289	152.4329	0.006074	0.001157

Emissions (tons/year) Emissions (MT/year)

	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O	CO_2e
Yard Trucks	0	0	0	0	0	0	0	0	0	0
Forklifts	0.0026	0.01372	0.19531	0.00026	0.00053	0.00053	25.23697	0.001006	0.000192	25

Source: California Air Resources Board (CARB). 2017. The Carl Moyer Program Guidelines. April. Available: https://ww2.arb.ca.gov/sites/default/files/classic/msprog/moyer/guidelines/2017/2017_cmpgl.pdf. Accessed: December 2, 2021.

Emergency Backup Generator Emissions

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
Backup Generator	Diesel	1	400	0.74	50	1	296	14,800
Backup Generator >750 hp	Diesel	0	3,600	0.74	50	1	0	0

UNMITIGATED

	ROG	TOG	CO	NO_X	SO_2	PM_{10}	$PM_{2.5}$	CO_2	CH_4	N_2O	CO_2e
Emissions Rates (g/hp-hr)	1.020	1.120	2.600	2.850	0.005	0.150	0.150	521.640	0.021	0.004	-
Emissions Rates (>750) (g/hp-hr)	1.020	1.120	2.600	4.560	0.005	0.150	0.150	521.640	0.021	0.004	-
Emissions (pounds/day)	0.666	0.731	1.697	1.860	0.003	0.098	0.098	340.406	0.014	0.003	-
Emissions (tons/year)	0.017	0.018	0.042	0.046	0.000	0.002	0.002	8.510	0.000	0.000	-
GHG Emissions (metric tons)	-	-	-	-	-	-	-	7.72	0.00	0.00	7.75

Source: User Guide for CalEEMod Version 2022.1, Appendix G, Table G-40.

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2028
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/year for Combustion VMT and Electric VMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, gallon/mile for Fuel Consumption, kWh/mile for Energy Consumption.

	Project Mix	Idle (g/trip)	15 mph (g/mi)	35 mph (g/mi)
HHDT	0.62	0.001940575	0.008578229	0.00730038
LHDT2	0.17	0.001259425	0.019974187	0.011651897
MHDT	0.21	0.000751797	0.010143637	0.004014545
Weighted Rates		0.001578842	0.010819356	0.007348453

Region	Calenc	Vehicle	Model Year	Speed	Fuel	Population	Total VMT	Trips	PM10_IDLEX	
Los Angeles (SC)	2028	HHDT	Aggregate	Aggrec	Gasoline	25.44926558	2268.374659	509.1889057	0	0
Los Angeles (SC)	2028	HHDT	Aggregate	Aggrec	Diesel	57257.80612	7006667.238	895590.3349	0.030208226	1729.656765
Los Angeles (SC)	2028	HHDT	Aggregate	Aggrec	Electricity	1491.868023	163138.8979	20256.87045	0	0
Los Angeles (SC)	2028	HHDT	Aggregate	Aggrec	Natural Gas	6600.854666	405732.574	42547.94644	0.019871576	131.1693825
Los Angeles (SC)	2028	LHDT2	Aggregate	Aggrec	Gasoline	18493.46928	685455.8299	275525.137	0	0
Los Angeles (SC)	2028	LHDT2	Aggregate	Aggrec	Diesel	30779.95102	1284692.724	387173.0626	0.02811602	865.4097313
Los Angeles (SC)	2028	LHDT2	Aggregate	Aggrec	Electricity	1843.198599	110070.8101	24448.39418	0	0
Los Angeles (SC)	2028	MHDT	Aggregate	Aggrec	Gasoline	13309.14864	715457.69	266289.4461	0	0
Los Angeles (SC)	2028	MHDT	Aggregate	Aggrec	Diesel	62608.21554	2532865.166	770490.8388	0.012631395	790.8290889
Los Angeles (SC)	2028	MHDT	Aggregate	Aggrec	Electricity	2743.218394	148973.8917	36740.86198	0	0
Los Angeles (SC)	2028	MHDT	Aggregate	Aggrec	Natural Gas	1070.013059	47472.08291	9132.20305	0.021594315	23.10619864

Region	Calenc	Vehicle	Model Year	Speed	Fuel	Total VMT	PM10_RUNEX	
Los Angeles (SC)	2028	HHDT	Aggregate	15	Gasoline	15.28230353	0.003464538	0.052946117
Los Angeles (SC)	2028	HHDT	Aggregate	15	Diesel	29499.1783	0.009084515	267.9857165
Los Angeles (SC)	2028	HHDT	Aggregate	15	Electricity	705.2712354	0	0
Los Angeles (SC)	2028	HHDT	Aggregate	15	Natural Gas	2260.384425	0.004682046	10.58322305
Los Angeles (SC)	2028	LHDT2	Aggregate	15	Gasoline	7506.246517	0.001810978	13.59364451
Los Angeles (SC)	2028	LHDT2	Aggregate	15	Diesel	8905.458898	0.037287581	332.0630205
Los Angeles (SC)	2028	LHDT2	Aggregate	15	Electricity	893.463083	0	0
Los Angeles (SC)	2028	MHDT	Aggregate	15	Gasoline	9056.04962	0.002965824	26.85864902
Los Angeles (SC)	2028	MHDT	Aggregate	15	Diesel	33981.58291	0.012759887	433.6011735
Los Angeles (SC)	2028	MHDT	Aggregate	15	Electricity	1962.095181	0	0
Los Angeles (SC)	2028	MHDT	Aggregate	15	Natural Gas	556.2831516	0.002955014	1.643824752

Region	Calenc	Vehicle	Model Year	Speed	Fuel	Total VMT	PM10_RUNEX	
Los Angeles (SC)	2028	HHDT	Aggregate	35	Gasoline	171.980889	0.001201375	0.206613476
Los Angeles (SC)	2028	HHDT	Aggregate	35	Diesel	452379.1131	0.007799967	3528.542165
Los Angeles (SC)	2028	HHDT	Aggregate	35	Electricity	10450.22541	0	0
Los Angeles (SC)	2028	HHDT	Aggregate	35	Natural Gas	28698.03237	0.00212013	60.84356636
Los Angeles (SC)	2028	LHDT2	Aggregate	35	Gasoline	70999.7846	0.000893468	63.4360509
Los Angeles (SC)	2028	LHDT2	Aggregate	35	Diesel	124382.7719	0.01881187	2339.872475
Los Angeles (SC)	2028	LHDT2	Aggregate	35	Electricity	10876.437	0	0
Los Angeles (SC)	2028	MHDT	Aggregate	35	Gasoline	75405.47826	0.000985757	74.33144415
Los Angeles (SC)	2028	MHDT	Aggregate	35	Diesel	271056.0557	0.005144659	1394.49103
Los Angeles (SC)	2028	MHDT	Aggregate	35	Electricity	15870.62573	0	0
Los Angeles (SC)	2028	MHDT	Aggregate	35	Natural Gas	4945.198117	0.001138267	5.628955639

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: Sub-Area

Region: Los Angeles (SC)

Calendar Year: 2028
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/year for Combustion VMT and Electric VMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, gallon/mile for Fuel Consumption, kWh/mile for Energy Consumption.

Region	Calendar Yı	Vehicle Cat	Model Yeai	Speed	Fuel	Total VMT	PM10_RUNEX
Los Angeles	2028	HHDT	Aggregate	15	Gasoline	15.2823	0.003464538
Los Angeles	2028	HHDT	Aggregate	15	Diesel	29499.18	0.009084515
Los Angeles	2028	HHDT	Aggregate	15	Electricity	705.2712	0
Los Angeles	2028	HHDT	Aggregate	15	Natural Gas	2260.384	0.004682046
Los Angeles	2028	LHDT2	Aggregate	15	Gasoline	7506.247	0.001810978
Los Angeles	2028	LHDT2	Aggregate	15	Diesel	8905.459	0.037287581
Los Angeles	2028	LHDT2	Aggregate	15	Electricity	893.4631	0
Los Angeles	2028	MHDT	Aggregate	15	Gasoline	9056.05	0.002965824
Los Angeles	2028	MHDT	Aggregate	15	Diesel	33981.58	0.012759887
Los Angeles	2028	MHDT	Aggregate	15	Electricity	1962.095	0
Los Angeles	2028	MHDT	Aggregate	15	Natural Gas	556.2832	0.002955014

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2028
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/year for Combustion VMT and Electric VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN.

Region	Calendar Ye	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	Trips	PM10_IDLEX
Los Angele	2028	HHDT	Aggregate	Aggregate	Gasoline	25.44926558	2268.374659	509.1889057	0
Los Angele	2028	HHDT	Aggregate	Aggregate	Diesel	57257.80612	7006667.238	895590.3349	0.030208
Los Angele	2028	HHDT	Aggregate	Aggregate	Electricity	1491.868023	163138.8979	20256.87045	0
Los Angele	2028	HHDT	Aggregate	Aggregate	Natural Gas	6600.854666	405732.574	42547.94644	0.019872
Los Angele	2028	LHDT2	Aggregate	Aggregate	Gasoline	18493.46928	685455.8299	275525.137	0
Los Angele	2028	LHDT2	Aggregate	Aggregate	Diesel	30779.95102	1284692.724	387173.0626	0.028116
Los Angele	2028	LHDT2	Aggregate	Aggregate	Electricity	1843.198599	110070.8101	24448.39418	0
Los Angele	2028	MHDT	Aggregate	Aggregate	Gasoline	13309.14864	715457.69	266289.4461	0
Los Angele	2028	MHDT	Aggregate	Aggregate	Diesel	62608.21554	2532865.166	770490.8388	0.012631
Los Angele	2028	MHDT	Aggregate	Aggregate	Electricity	2743.218394	148973.8917	36740.86198	0
Los Angele	2028	MHDT	Aggregate	Aggregate	Natural Gas	1070.013059	47472.08291	9132.20305	0.021594

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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 8/22/2025
** File: C:\Lakes\AERMOD View\Projects\3800 Via Oro\Construction\Construction.ADI
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** AERMOD Control Pathway
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   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 450901 Long_Beach
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Construction.err
CO FINISHED
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** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = ONSITE
** DESCRSRC On-site construction activities
** PREFIX
** Length of Side = 9.66
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.22
** SZINIT = 2.89
** Nodes = 23
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** PREFIX
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** Vertical Dimension = 5.18
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SRCPARAM L0000397     0.012195122      2.59      6.33      2.41
SRCPARAM L0000398     0.012195122      2.59      6.33      2.41
SRCPARAM L0000399     0.012195122      2.59      6.33      2.41
SRCPARAM L0000400     0.012195122      2.59      6.33      2.41
SRCPARAM L0000401     0.012195122      2.59      6.33      2.41
SRCPARAM L0000402     0.012195122      2.59      6.33      2.41
SRCPARAM L0000403     0.012195122      2.59      6.33      2.41
SRCPARAM L0000404     0.012195122      2.59      6.33      2.41
SRCPARAM L0000405     0.012195122      2.59      6.33      2.41
SRCPARAM L0000406     0.012195122      2.59      6.33      2.41
SRCPARAM L0000407     0.012195122      2.59      6.33      2.41
SRCPARAM L0000408     0.012195122      2.59      6.33      2.41
SRCPARAM L0000409     0.012195122      2.59      6.33      2.41
SRCPARAM L0000410     0.012195122      2.59      6.33      2.41
SRCPARAM L0000411     0.012195122      2.59      6.33      2.41
SRCPARAM L0000412     0.012195122      2.59      6.33      2.41
SRCPARAM L0000413     0.012195122      2.59      6.33      2.41
SRCPARAM L0000414     0.012195122      2.59      6.33      2.41
SRCPARAM L0000415     0.012195122      2.59      6.33      2.41
SRCPARAM L0000416     0.012195122      2.59      6.33      2.41
SRCPARAM L0000417     0.012195122      2.59      6.33      2.41
SRCPARAM L0000418     0.012195122      2.59      6.33      2.41
SRCPARAM L0000419     0.012195122      2.59      6.33      2.41
SRCPARAM L0000420     0.012195122      2.59      6.33      2.41
SRCPARAM L0000421     0.012195122      2.59      6.33      2.41
SRCPARAM L0000422     0.012195122      2.59      6.33      2.41
SRCPARAM L0000423     0.012195122      2.59      6.33      2.41
SRCPARAM L0000424     0.012195122      2.59      6.33      2.41
SRCPARAM L0000425     0.012195122      2.59      6.33      2.41
SRCPARAM L0000426     0.012195122      2.59      6.33      2.41
SRCPARAM L0000427     0.012195122      2.59      6.33      2.41
SRCPARAM L0000428     0.012195122      2.59      6.33      2.41
SRCPARAM L0000429     0.012195122      2.59      6.33      2.41
SRCPARAM L0000430     0.012195122      2.59      6.33      2.41
SRCPARAM L0000431     0.012195122      2.59      6.33      2.41
SRCPARAM L0000432     0.012195122      2.59      6.33      2.41
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   SRCPARAM L0000433     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000434     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000435     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000436     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000437     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000438     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000439     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000440     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000441     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000442     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000443     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000444     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000445     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000446     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000447     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000448     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000449     0.012195122      2.59      6.33      2.41
** --------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
   EMISFACT L0000368     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000368     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000368     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000368     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000369     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000369     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000369     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000369     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000370     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000370     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000370     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000370     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000371     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000371     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000371     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000371     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000372     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000372     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000372     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000372     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000373     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000374     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000375     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000375     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000376     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000376     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000377     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000377     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000378     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000378     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000379     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000379     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000380     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000380     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000381     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000381     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000382     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000382     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000383     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000383     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000384     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000384     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000385     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000385     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000386     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000386     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000387     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000387     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000388     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000388     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000389     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000389     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000390     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000390     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000391     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000391     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000392     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000392     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000393     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000393     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000394     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000394     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000395     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000396     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000396     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000397     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000398     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000398     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000399     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000399     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0000400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000400     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000400     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000401     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000401     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000402     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000402     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000409     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000411     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0000412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000412     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000413     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000415     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000415     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000416     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0000417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000418     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000418     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000419     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000419     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000420     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000420     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000424     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0000198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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RE STARTING
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RE FINISHED
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** AERMOD Meteorology Pathway
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   PROFBASE 9.65 METERS
ME FINISHED
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** AERMOD Output Pathway
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   RECTABLE 1 1ST
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   PLOTFILE 1 ONSITE 1ST "C:\Lakes\AERMOD View\Projects\3800 Via
Oro\Construction\CONSTRUCTION.AD\01H1G001.PLT" 32
   PLOTFILE 1 HAUL 1ST "C:\Lakes\AERMOD View\Projects\3800 Via
Oro\Construction\CONSTRUCTION.AD\01H1G002.PLT" 33
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Oro\Construction\CONSTRUCTION.AD\PE00GALL.PLT" 34
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Oro\Construction\Construction.sum"
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** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
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** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 8/22/2025
** FILE: C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\CONSTRUCTION\CONSTRUCTION.ADI
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** AERMOD CONTROL PATHWAY
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   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 450901 LONG_BEACH
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL CONSTRUCTION.ERR
CO FINISHED
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** AERMOD SOURCE PATHWAY
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SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = ONSITE
** DESCRSRC ON-SITE CONSTRUCTION ACTIVITIES
** PREFIX
** LENGTH OF SIDE = 9.66
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.22
** SZINIT = 2.89
** NODES = 23
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LOCATION L0000279 VOLUME 387879.646 3743866.753 10.36

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LOCATION L0000314     VOLUME   388032.281 3743850.115 9.66
LOCATION L0000315     VOLUME   388022.625 3743850.290 9.66
LOCATION L0000316     VOLUME   388012.969 3743850.464 9.66
LOCATION L0000317     VOLUME   388003.313 3743850.638 9.67
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LOCATION L0000324     VOLUME   387935.720 3743851.856 9.91
LOCATION L0000325     VOLUME   387926.064 3743852.030 9.96
LOCATION L0000326     VOLUME   387916.408 3743852.204 10.02
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LOCATION L0000328     VOLUME   387897.096 3743852.552 10.07
LOCATION L0000329     VOLUME   387887.440 3743852.726 10.10
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   LOCATION L0000334     VOLUME   387839.160 3743853.596 10.09
   LOCATION L0000335     VOLUME   387829.504 3743853.770 10.03
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   LOCATION L0000337     VOLUME   387815.686 3743848.139 9.89
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   LOCATION L0000359     VOLUME   388016.932 3743832.635 9.49
   LOCATION L0000360     VOLUME   388026.586 3743832.392 9.49
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   LOCATION L0000362     VOLUME   388045.895 3743831.908 9.49
   LOCATION L0000363     VOLUME   388055.550 3743831.666 9.52
   LOCATION L0000364     VOLUME   388065.204 3743831.424 9.55
   LOCATION L0000365     VOLUME   388074.859 3743831.182 9.71
   LOCATION L0000366     VOLUME   388084.514 3743830.939 10.05
   LOCATION L0000367     VOLUME   388094.168 3743830.697 10.40
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** END OF LINE VOLUME SOURCE ID = ONSITE
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = HAUL
** DESCRSRC HAUL TRUCKS
** PREFIX
** LENGTH OF SIDE = 13.62
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 5.18
** SZINIT = 2.41
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SRCPARAM L0000334     0.0027173913      0.00      4.49      2.89
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   SRCPARAM L0000337     0.0027173913      0.00      4.49      2.89
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   SRCPARAM L0000339     0.0027173913      0.00      4.49      2.89
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   SRCPARAM L0000356     0.0027173913      0.00      4.49      2.89
   SRCPARAM L0000357     0.0027173913      0.00      4.49      2.89
   SRCPARAM L0000358     0.0027173913      0.00      4.49      2.89
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   SRCPARAM L0000360     0.0027173913      0.00      4.49      2.89
   SRCPARAM L0000361     0.0027173913      0.00      4.49      2.89
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   SRCPARAM L0000367     0.0027173913      0.00      4.49      2.89
   SRCPARAM L0000450     0.0027173913      0.00      4.49      2.89
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = HAUL
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   SRCPARAM L0000377     0.012195122      2.59      6.33      2.41
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   SRCPARAM L0000379     0.012195122      2.59      6.33      2.41
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   SRCPARAM L0000381     0.012195122      2.59      6.33      2.41
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SRCPARAM L0000385     0.012195122      2.59      6.33      2.41
SRCPARAM L0000386     0.012195122      2.59      6.33      2.41
SRCPARAM L0000387     0.012195122      2.59      6.33      2.41
SRCPARAM L0000388     0.012195122      2.59      6.33      2.41
SRCPARAM L0000389     0.012195122      2.59      6.33      2.41
SRCPARAM L0000390     0.012195122      2.59      6.33      2.41
SRCPARAM L0000391     0.012195122      2.59      6.33      2.41
SRCPARAM L0000392     0.012195122      2.59      6.33      2.41
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SRCPARAM L0000394     0.012195122      2.59      6.33      2.41
SRCPARAM L0000395     0.012195122      2.59      6.33      2.41
SRCPARAM L0000396     0.012195122      2.59      6.33      2.41
SRCPARAM L0000397     0.012195122      2.59      6.33      2.41
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SRCPARAM L0000399     0.012195122      2.59      6.33      2.41
SRCPARAM L0000400     0.012195122      2.59      6.33      2.41
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SRCPARAM L0000414     0.012195122      2.59      6.33      2.41
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SRCPARAM L0000417     0.012195122      2.59      6.33      2.41
SRCPARAM L0000418     0.012195122      2.59      6.33      2.41
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SRCPARAM L0000422     0.012195122      2.59      6.33      2.41
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SRCPARAM L0000431     0.012195122      2.59      6.33      2.41
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   SRCPARAM L0000441     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000442     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000443     0.012195122      2.59      6.33      2.41
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   SRCPARAM L0000448     0.012195122      2.59      6.33      2.41
   SRCPARAM L0000449     0.012195122      2.59      6.33      2.41
** ------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "SCENARIO 2"
** WEEKDAYS:
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   EMISFACT L0000368     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000368     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000369     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000369     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000369     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0000370     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000370     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000370     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000371     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000371     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000371     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000372     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000372     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000372     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000373     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000375     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000375     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SUNDAY:
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EMISFACT L0000435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000444     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000449     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000449     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT L0000010     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0000247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000360     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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** SATURDAY:
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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 L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000359     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000359     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000359     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000359     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000360     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000360     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000360     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000360     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000361     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000361     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000361     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000361     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000362     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000362     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000362     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000362     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000363     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000363     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000363     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000363     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000364     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000364     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000364     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000364     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000365     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000365     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000365     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000365     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000366     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000366     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000366     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000366     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000367     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000367     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000367     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000367     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ONSITE   L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
SRCGROUP ONSITE   L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
SRCGROUP ONSITE   L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
SRCGROUP ONSITE   L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
SRCGROUP ONSITE   L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
SRCGROUP ONSITE   L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
SRCGROUP ONSITE   L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
SRCGROUP ONSITE   L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
SRCGROUP ONSITE   L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
SRCGROUP ONSITE   L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
SRCGROUP ONSITE   L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
SRCGROUP ONSITE   L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
SRCGROUP ONSITE   L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
SRCGROUP ONSITE   L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
SRCGROUP ONSITE   L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
SRCGROUP ONSITE   L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
SRCGROUP ONSITE   L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
SRCGROUP ONSITE   L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
SRCGROUP ONSITE   L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
SRCGROUP ONSITE   L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
SRCGROUP ONSITE   L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
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SRCGROUP ONSITE   L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
SRCGROUP ONSITE   L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
SRCGROUP ONSITE   L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
SRCGROUP ONSITE   L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
SRCGROUP ONSITE   L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
SRCGROUP ONSITE   L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
SRCGROUP ONSITE   L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
SRCGROUP ONSITE   L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
SRCGROUP ONSITE   L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
SRCGROUP ONSITE   L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
SRCGROUP ONSITE   L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
SRCGROUP ONSITE   L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
SRCGROUP ONSITE   L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
SRCGROUP ONSITE   L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
SRCGROUP ONSITE   L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
SRCGROUP ONSITE   L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
SRCGROUP ONSITE   L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
SRCGROUP ONSITE   L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
SRCGROUP ONSITE   L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
SRCGROUP ONSITE   L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
SRCGROUP ONSITE   L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
SRCGROUP ONSITE   L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
SRCGROUP ONSITE   L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
SRCGROUP ONSITE   L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
SRCGROUP ONSITE   L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
SRCGROUP ONSITE   L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
SRCGROUP ONSITE   L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
SRCGROUP ONSITE   L0000289 L0000290 L0000291 L0000292 L0000293 L0000294
SRCGROUP ONSITE   L0000295 L0000296 L0000297 L0000298 L0000299 L0000300
SRCGROUP ONSITE   L0000301 L0000302 L0000303 L0000304 L0000305 L0000306
SRCGROUP ONSITE   L0000307 L0000308 L0000309 L0000310 L0000311 L0000312
SRCGROUP ONSITE   L0000313 L0000314 L0000315 L0000316 L0000317 L0000318
SRCGROUP ONSITE   L0000319 L0000320 L0000321 L0000322 L0000323 L0000324
SRCGROUP ONSITE   L0000325 L0000326 L0000327 L0000328 L0000329 L0000330
SRCGROUP ONSITE   L0000331 L0000332 L0000333 L0000334 L0000335 L0000336
SRCGROUP ONSITE   L0000337 L0000338 L0000339 L0000340 L0000341 L0000342
SRCGROUP ONSITE   L0000343 L0000344 L0000345 L0000346 L0000347 L0000348
SRCGROUP ONSITE   L0000349 L0000350 L0000351 L0000352 L0000353 L0000354
SRCGROUP ONSITE   L0000355 L0000356 L0000357 L0000358 L0000359 L0000360
SRCGROUP ONSITE   L0000361 L0000362 L0000363 L0000364 L0000365 L0000366
SRCGROUP ONSITE   L0000367 L0000450
SRCGROUP HAUL     L0000368 L0000369 L0000370 L0000371 L0000372 L0000373
SRCGROUP HAUL     L0000374 L0000375 L0000376 L0000377 L0000378 L0000379
SRCGROUP HAUL     L0000380 L0000381 L0000382 L0000383 L0000384 L0000385
SRCGROUP HAUL     L0000386 L0000387 L0000388 L0000389 L0000390 L0000391
SRCGROUP HAUL     L0000392 L0000393 L0000394 L0000395 L0000396 L0000397
SRCGROUP HAUL     L0000398 L0000399 L0000400 L0000401 L0000402 L0000403
SRCGROUP HAUL     L0000404 L0000405 L0000406 L0000407 L0000408 L0000409
SRCGROUP HAUL     L0000410 L0000411 L0000412 L0000413 L0000414 L0000415
SRCGROUP HAUL     L0000416 L0000417 L0000418 L0000419 L0000420 L0000421
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   SRCGROUP HAUL     L0000422 L0000423 L0000424 L0000425 L0000426 L0000427
   SRCGROUP HAUL     L0000428 L0000429 L0000430 L0000431 L0000432 L0000433
   SRCGROUP HAUL     L0000434 L0000435 L0000436 L0000437 L0000438 L0000439
   SRCGROUP HAUL     L0000440 L0000441 L0000442 L0000443 L0000444 L0000445
   SRCGROUP HAUL     L0000446 L0000447 L0000448 L0000449
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD RECEPTOR PATHWAY
**********************************
**
**
RE STARTING
   INCLUDED CONSTRUCTION.ROU
RE FINISHED
**
**********************************
** AERMOD METEOROLOGY PATHWAY
**********************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\CONSTRUCTION\MET
DATA\
   SURFFILE METDAT~1\KLGB_V~1.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\CONSTRUCTION\MET
DATA\
   PROFFILE METDAT~1\KLGB_V~1.PFL
   SURFDATA 23129 2015 KLGB
   UAIRDATA 3190 2015
   PROFBASE 9.65 METERS
ME FINISHED
**
**********************************
** AERMOD OUTPUT PATHWAY
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA
ORO\CONSTRUCTION\CONSTRUCTION.AD\01H1GALL.PLT" 31
   PLOTFILE   1 ONSITE 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA
ORO\CONSTRUCTION\CONSTRUCTION.AD\01H1G001.PLT" 32
   PLOTFILE   1 HAUL 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA
ORO\CONSTRUCTION\CONSTRUCTION.AD\01H1G002.PLT" 33
   PLOTFILE   PERIOD ALL "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA
```

```
ORO\CONSTRUCTION\CONSTRUCTION.AD\PE00GALL.PLT" 34
   PLOTFILE   PERIOD ONSITE "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA
ORO\CONSTRUCTION\CONSTRUCTION.AD\PE00G001.PLT" 35
   PLOTFILE   PERIOD HAUL "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA
ORO\CONSTRUCTION\CONSTRUCTION.AD\PE00G002.PLT" 36
   SUMMFILE "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA
ORO\CONSTRUCTION\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    6530       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6530       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   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   450 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    450901.0 ;  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: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    450 Source(s);       3 Source Group(s); and     724
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    450 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 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) = 9.65 ; 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 = 4.1 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: CONSTRUCTION.ERR

**File for Summary of Results: C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\CONSTRUCTION\CONSTRUCTION.SUM

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000001	0	0.27174E-02	387819.3	3743987.7	10.5	0.00	4.49	2.89	YES	HRDOW	NO
L0000002	0	0.27174E-02	387828.9	3743987.6	10.5	0.00	4.49	2.89	YES	HRDOW	NO
L0000003	0	0.27174E-02	387838.6	3743987.5	10.6	0.00	4.49	2.89	YES	HRDOW	NO
L0000004	0	0.27174E-02	387848.2	3743987.3	10.6	0.00	4.49	2.89	YES	HRDOW	NO
L0000005	0	0.27174E-02	387857.9	3743987.2	10.7	0.00	4.49	2.89	YES	HRDOW	NO

L0000006	0	0.27174E-02	387867.6	3743987.1	10.7	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000007	0	0.27174E-02	387877.2	3743987.0	10.8	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000008	0	0.27174E-02	387886.9	3743986.8	10.8	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000009	0	0.27174E-02	387896.5	3743986.7	10.8	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000010	0	0.27174E-02	387906.2	3743986.6	10.8	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000011	0	0.27174E-02	387915.8	3743986.5	10.8	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000012	0	0.27174E-02	387925.5	3743986.4	10.8	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000013	0	0.27174E-02	387935.2	3743986.2	10.8	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000014	0	0.27174E-02	387944.8	3743986.1	10.8	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000015	0	0.27174E-02	387954.5	3743986.0	10.8	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000016	0	0.27174E-02	387964.1	3743985.9	10.7	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000017	0	0.27174E-02	387973.8	3743985.7	10.7	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000018	0	0.27174E-02	387983.4	3743985.6	10.7	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000019	0	0.27174E-02	387993.1	3743985.5	10.6	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000020	0	0.27174E-02	388002.8	3743985.4	10.6	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000021	0	0.27174E-02	388012.4	3743985.3	10.5	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000022	0	0.27174E-02	388022.1	3743985.1	10.4	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000023	0	0.27174E-02	388031.7	3743985.0	10.3	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000024	0	0.27174E-02	388041.4	3743984.9	10.2	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000025	0	0.27174E-02	388051.0	3743984.8	10.1	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000026	0	0.27174E-02	388060.7	3743984.6	9.9	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000027	0	0.27174E-02	388070.4	3743984.5	9.7	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000028	0	0.27174E-02	388080.0	3743984.4	9.6	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000029	0	0.27174E-02	388089.7	3743984.3	9.5	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000030	0	0.27174E-02	388099.3	3743984.2	9.5	0.00	4.49	
2.89	YES	HRDOW	NO					

 L0000031   0   0.27174E-02 388109.0 3743984.0   9.8   0.00   4.49
2.89   YES   HRDOW   NO
 L0000032   0   0.27174E-02 388115.7 3743980.1   9.9   0.00   4.49
2.89   YES   HRDOW   NO
 L0000033   0   0.27174E-02 388118.3 3743970.9   10.0   0.00   4.49
2.89   YES   HRDOW   NO
 L0000034   0   0.27174E-02 388108.6 3743971.1   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000035   0   0.27174E-02 388099.0 3743971.2   9.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000036   0   0.27174E-02 388089.3 3743971.3   9.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000037   0   0.27174E-02 388079.6 3743971.5   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000038   0   0.27174E-02 388070.0 3743971.6   9.8   0.00   4.49
2.89   YES   HRDOW   NO
 L0000039   0   0.27174E-02 388060.3 3743971.7   10.0   0.00   4.49
2.89   YES   HRDOW   NO
 L0000040   0   0.27174E-02 388050.7 3743971.9   10.2   0.00   4.49
2.89   YES   HRDOW   NO

 *** 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
 -
- - - - - - - - - - - - - - - - - - - -

 L0000041   0   0.27174E-02 388041.0 3743972.0   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000042   0   0.27174E-02 388031.4 3743972.2   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000043   0   0.27174E-02 388021.7 3743972.3   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000044   0   0.27174E-02 388012.0 3743972.4   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000045   0   0.27174E-02 388002.4 3743972.6   10.4   0.00   4.49
2.89   YES   HRDOW   NO

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 L0000046         0   0.27174E-02  387992.7 3743972.7    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000047         0   0.27174E-02  387983.1 3743972.9    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000048         0   0.27174E-02  387973.4 3743973.0    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000049         0   0.27174E-02  387963.8 3743973.1    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000050         0   0.27174E-02  387954.1 3743973.3    10.6     0.00     4.49
2.89     YES   HRDOW            NO
 L0000051         0   0.27174E-02  387944.4 3743973.4    10.6     0.00     4.49
2.89     YES   HRDOW            NO
 L0000052         0   0.27174E-02  387934.8 3743973.5    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000053         0   0.27174E-02  387925.1 3743973.7    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000054         0   0.27174E-02  387915.5 3743973.8    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000055         0   0.27174E-02  387905.8 3743974.0    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000056         0   0.27174E-02  387896.2 3743974.1    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000057         0   0.27174E-02  387886.5 3743974.2    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000058         0   0.27174E-02  387876.8 3743974.4    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000059         0   0.27174E-02  387867.2 3743974.5    10.6     0.00     4.49
2.89     YES   HRDOW            NO
 L0000060         0   0.27174E-02  387857.5 3743974.7    10.6     0.00     4.49
2.89     YES   HRDOW            NO
 L0000061         0   0.27174E-02  387847.9 3743974.8    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000062         0   0.27174E-02  387838.2 3743974.9    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000063         0   0.27174E-02  387828.6 3743975.1    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000064         0   0.27174E-02  387818.9 3743975.2    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000065         0   0.27174E-02  387815.3 3743969.0    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000066         0   0.27174E-02  387816.8 3743961.1    10.3     0.00     4.49
2.89     YES   HRDOW            NO
 L0000067         0   0.27174E-02  387826.4 3743961.0    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000068         0   0.27174E-02  387836.1 3743960.9    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000069         0   0.27174E-02  387845.8 3743960.8    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000070         0   0.27174E-02  387855.4 3743960.7    10.5     0.00     4.49
2.89     YES   HRDOW            NO
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 L0000071   0   0.27174E-02 387865.1 3743960.6   10.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000072   0   0.27174E-02 387874.7 3743960.5   10.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000073   0   0.27174E-02 387884.4 3743960.4   10.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000074   0   0.27174E-02 387894.0 3743960.3   10.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000075   0   0.27174E-02 387903.7 3743960.2   10.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000076   0   0.27174E-02 387913.4 3743960.1   10.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000077   0   0.27174E-02 387923.0 3743960.0   10.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000078   0   0.27174E-02 387932.7 3743959.9   10.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000079   0   0.27174E-02 387942.3 3743959.8   10.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000080   0   0.27174E-02 387952.0 3743959.7   10.4   0.00   4.49
2.89   YES   HRDOW   NO

 *** 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
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- - - - - - - - - - - - - - - - - - - -

 L0000081   0   0.27174E-02 387961.6 3743959.6   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000082   0   0.27174E-02 387971.3 3743959.5   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000083   0   0.27174E-02 387981.0 3743959.3   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000084   0   0.27174E-02 387990.6 3743959.2   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000085   0   0.27174E-02 388000.3 3743959.1   10.3   0.00   4.49
2.89   YES   HRDOW   NO

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 L0000086         0   0.27174E-02  388009.9 3743959.0    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000087         0   0.27174E-02  388019.6 3743958.9    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000088         0   0.27174E-02  388029.2 3743958.8    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000089         0   0.27174E-02  388038.9 3743958.7    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000090         0   0.27174E-02  388048.6 3743958.6    10.3     0.00     4.49
2.89     YES   HRDOW            NO
 L0000091         0   0.27174E-02  388058.2 3743958.5    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000092         0   0.27174E-02  388067.9 3743958.4     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000093         0   0.27174E-02  388077.5 3743958.3     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000094         0   0.27174E-02  388087.2 3743958.2     9.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000095         0   0.27174E-02  388096.8 3743958.1     9.6     0.00     4.49
2.89     YES   HRDOW            NO
 L0000096         0   0.27174E-02  388106.5 3743958.0     9.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000097         0   0.27174E-02  388116.2 3743957.9     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000098         0   0.27174E-02  388121.4 3743952.2     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000099         0   0.27174E-02  388123.8 3743942.9     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000100         0   0.27174E-02  388117.2 3743940.6     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000101         0   0.27174E-02  388107.5 3743940.8     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000102         0   0.27174E-02  388097.9 3743941.0     9.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000103         0   0.27174E-02  388088.2 3743941.2     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000104         0   0.27174E-02  388078.6 3743941.4     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000105         0   0.27174E-02  388068.9 3743941.6     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000106         0   0.27174E-02  388059.3 3743941.8    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000107         0   0.27174E-02  388049.6 3743942.0    10.3     0.00     4.49
2.89     YES   HRDOW            NO
 L0000108         0   0.27174E-02  388040.0 3743942.2    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000109         0   0.27174E-02  388030.3 3743942.4    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000110         0   0.27174E-02  388020.6 3743942.6    10.5     0.00     4.49
2.89     YES   HRDOW            NO
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 L0000111   0   0.27174E-02 388011.0 3743942.8   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000112   0   0.27174E-02 388001.3 3743943.1   10.2   0.00   4.49
2.89   YES   HRDOW   NO
 L0000113   0   0.27174E-02 387991.7 3743943.3   10.1   0.00   4.49
2.89   YES   HRDOW   NO
 L0000114   0   0.27174E-02 387982.0 3743943.5   10.1   0.00   4.49
2.89   YES   HRDOW   NO
 L0000115   0   0.27174E-02 387972.4 3743943.7   10.2   0.00   4.49
2.89   YES   HRDOW   NO
 L0000116   0   0.27174E-02 387962.7 3743943.9   10.2   0.00   4.49
2.89   YES   HRDOW   NO
 L0000117   0   0.27174E-02 387953.1 3743944.1   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000118   0   0.27174E-02 387943.4 3743944.3   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000119   0   0.27174E-02 387933.7 3743944.5   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000120   0   0.27174E-02 387924.1 3743944.7   10.5   0.00   4.49
2.89   YES   HRDOW   NO

 *** 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
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 L0000121   0   0.27174E-02 387914.4 3743944.9   10.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000122   0   0.27174E-02 387904.8 3743945.1   10.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000123   0   0.27174E-02 387895.1 3743945.3   10.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000124   0   0.27174E-02 387885.5 3743945.5   10.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000125   0   0.27174E-02 387875.8 3743945.7   10.6   0.00   4.49
2.89   YES   HRDOW   NO

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 L0000126         0   0.27174E-02  387866.2 3743945.9    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000127         0   0.27174E-02  387856.5 3743946.1    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000128         0   0.27174E-02  387846.8 3743946.3    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000129         0   0.27174E-02  387837.2 3743946.5    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000130         0   0.27174E-02  387827.5 3743946.7    10.3     0.00     4.49
2.89     YES   HRDOW            NO
 L0000131         0   0.27174E-02  387817.9 3743946.9    10.3     0.00     4.49
2.89     YES   HRDOW            NO
 L0000132         0   0.27174E-02  387814.3 3743940.8    10.2     0.00     4.49
2.89     YES   HRDOW            NO
 L0000133         0   0.27174E-02  387814.0 3743931.1    10.2     0.00     4.49
2.89     YES   HRDOW            NO
 L0000134         0   0.27174E-02  387822.0 3743929.5    10.3     0.00     4.49
2.89     YES   HRDOW            NO
 L0000135         0   0.27174E-02  387831.7 3743929.3    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000136         0   0.27174E-02  387841.3 3743929.2    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000137         0   0.27174E-02  387851.0 3743929.0    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000138         0   0.27174E-02  387860.7 3743928.9    10.6     0.00     4.49
2.89     YES   HRDOW            NO
 L0000139         0   0.27174E-02  387870.3 3743928.7    10.6     0.00     4.49
2.89     YES   HRDOW            NO
 L0000140         0   0.27174E-02  387880.0 3743928.6    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000141         0   0.27174E-02  387889.6 3743928.4    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000142         0   0.27174E-02  387899.3 3743928.3    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000143         0   0.27174E-02  387908.9 3743928.1    10.6     0.00     4.49
2.89     YES   HRDOW            NO
 L0000144         0   0.27174E-02  387918.6 3743928.0    10.6     0.00     4.49
2.89     YES   HRDOW            NO
 L0000145         0   0.27174E-02  387928.3 3743927.8    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000146         0   0.27174E-02  387937.9 3743927.7    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000147         0   0.27174E-02  387947.6 3743927.5    10.3     0.00     4.49
2.89     YES   HRDOW            NO
 L0000148         0   0.27174E-02  387957.2 3743927.4    10.2     0.00     4.49
2.89     YES   HRDOW            NO
 L0000149         0   0.27174E-02  387966.9 3743927.2    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000150         0   0.27174E-02  387976.5 3743927.1    10.1     0.00     4.49
2.89     YES   HRDOW            NO
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 L0000151   0   0.27174E-02 387986.2 3743926.9   10.1   0.00   4.49
2.89   YES   HRDOW   NO
 L0000152   0   0.27174E-02 387995.9 3743926.8   10.1   0.00   4.49
2.89   YES   HRDOW   NO
 L0000153   0   0.27174E-02 388005.5 3743926.6   10.2   0.00   4.49
2.89   YES   HRDOW   NO
 L0000154   0   0.27174E-02 388015.2 3743926.5   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000155   0   0.27174E-02 388024.8 3743926.3   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000156   0   0.27174E-02 388034.5 3743926.2   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000157   0   0.27174E-02 388044.1 3743926.0   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000158   0   0.27174E-02 388053.8 3743925.9   10.2   0.00   4.49
2.89   YES   HRDOW   NO
 L0000159   0   0.27174E-02 388063.4 3743925.7   10.0   0.00   4.49
2.89   YES   HRDOW   NO
 L0000160   0   0.27174E-02 388073.1 3743925.6   9.9   0.00   4.49
2.89   YES   HRDOW   NO

 *** 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
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 L0000161   0   0.27174E-02 388082.8 3743925.4   9.9   0.00   4.49
2.89   YES   HRDOW   NO
 L0000162   0   0.27174E-02 388092.4 3743925.3   9.8   0.00   4.49
2.89   YES   HRDOW   NO
 L0000163   0   0.27174E-02 388102.1 3743925.1   9.8   0.00   4.49
2.89   YES   HRDOW   NO
 L0000164   0   0.27174E-02 388111.7 3743925.0   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000165   0   0.27174E-02 388121.4 3743924.8   9.7   0.00   4.49
2.89   YES   HRDOW   NO

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 L0000166         0   0.27174E-02  388130.9 3743924.5    10.0     0.00     4.49
2.89     YES   HRDOW            NO
 L0000167         0   0.27174E-02  388132.4 3743915.0    10.0     0.00     4.49
2.89     YES   HRDOW            NO
 L0000168         0   0.27174E-02  388127.9 3743910.7     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000169         0   0.27174E-02  388118.2 3743910.8     9.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000170         0   0.27174E-02  388108.6 3743911.0     9.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000171         0   0.27174E-02  388098.9 3743911.2     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000172         0   0.27174E-02  388089.3 3743911.4     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000173         0   0.27174E-02  388079.6 3743911.6     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000174         0   0.27174E-02  388070.0 3743911.7    10.0     0.00     4.49
2.89     YES   HRDOW            NO
 L0000175         0   0.27174E-02  388060.3 3743911.9    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000176         0   0.27174E-02  388050.7 3743912.1    10.2     0.00     4.49
2.89     YES   HRDOW            NO
 L0000177         0   0.27174E-02  388041.0 3743912.3    10.3     0.00     4.49
2.89     YES   HRDOW            NO
 L0000178         0   0.27174E-02  388031.3 3743912.5    10.3     0.00     4.49
2.89     YES   HRDOW            NO
 L0000179         0   0.27174E-02  388021.7 3743912.7    10.3     0.00     4.49
2.89     YES   HRDOW            NO
 L0000180         0   0.27174E-02  388012.0 3743912.8    10.2     0.00     4.49
2.89     YES   HRDOW            NO
 L0000181         0   0.27174E-02  388002.4 3743913.0    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000182         0   0.27174E-02  387992.7 3743913.2    10.0     0.00     4.49
2.89     YES   HRDOW            NO
 L0000183         0   0.27174E-02  387983.1 3743913.4    10.0     0.00     4.49
2.89     YES   HRDOW            NO
 L0000184         0   0.27174E-02  387973.4 3743913.6    10.0     0.00     4.49
2.89     YES   HRDOW            NO
 L0000185         0   0.27174E-02  387963.8 3743913.7    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000186         0   0.27174E-02  387954.1 3743913.9    10.2     0.00     4.49
2.89     YES   HRDOW            NO
 L0000187         0   0.27174E-02  387944.4 3743914.1    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000188         0   0.27174E-02  387934.8 3743914.3    10.5     0.00     4.49
2.89     YES   HRDOW            NO
 L0000189         0   0.27174E-02  387925.1 3743914.5    10.6     0.00     4.49
2.89     YES   HRDOW            NO
 L0000190         0   0.27174E-02  387915.5 3743914.6    10.6     0.00     4.49
2.89     YES   HRDOW            NO
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 L0000191   0   0.27174E-02 387905.8 3743914.8   10.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000192   0   0.27174E-02 387896.2 3743915.0   10.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000193   0   0.27174E-02 387886.5 3743915.2   10.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000194   0   0.27174E-02 387876.8 3743915.4   10.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000195   0   0.27174E-02 387867.2 3743915.6   10.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000196   0   0.27174E-02 387857.5 3743915.7   10.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000197   0   0.27174E-02 387847.9 3743915.9   10.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000198   0   0.27174E-02 387838.2 3743916.1   10.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000199   0   0.27174E-02 387828.6 3743916.3   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000200   0   0.27174E-02 387818.9 3743916.5   10.3   0.00   4.49
2.89   YES   HRDOW   NO

 *** 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
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 L0000201   0   0.27174E-02 387814.8 3743910.8   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000202   0   0.27174E-02 387814.5 3743901.2   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000203   0   0.27174E-02 387822.1 3743899.1   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000204   0   0.27174E-02 387831.7 3743899.0   10.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000205   0   0.27174E-02 387841.4 3743898.9   10.7   0.00   4.49
2.89   YES   HRDOW   NO

L0000206	0	0.27174E-02	387851.1	3743898.8	10.7	0.00	4.49	2.89	YES	HRDOW	NO
L0000207	0	0.27174E-02	387860.7	3743898.7	10.7	0.00	4.49	2.89	YES	HRDOW	NO
L0000208	0	0.27174E-02	387870.4	3743898.6	10.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000209	0	0.27174E-02	387880.0	3743898.5	10.7	0.00	4.49	2.89	YES	HRDOW	NO
L0000210	0	0.27174E-02	387889.7	3743898.4	10.7	0.00	4.49	2.89	YES	HRDOW	NO
L0000211	0	0.27174E-02	387899.3	3743898.3	10.7	0.00	4.49	2.89	YES	HRDOW	NO
L0000212	0	0.27174E-02	387909.0	3743898.2	10.7	0.00	4.49	2.89	YES	HRDOW	NO
L0000213	0	0.27174E-02	387918.7	3743898.1	10.7	0.00	4.49	2.89	YES	HRDOW	NO
L0000214	0	0.27174E-02	387928.3	3743898.0	10.6	0.00	4.49	2.89	YES	HRDOW	NO
L0000215	0	0.27174E-02	387938.0	3743897.9	10.5	0.00	4.49	2.89	YES	HRDOW	NO
L0000216	0	0.27174E-02	387947.6	3743897.8	10.3	0.00	4.49	2.89	YES	HRDOW	NO
L0000217	0	0.27174E-02	387957.3	3743897.7	10.2	0.00	4.49	2.89	YES	HRDOW	NO
L0000218	0	0.27174E-02	387966.9	3743897.6	10.0	0.00	4.49	2.89	YES	HRDOW	NO
L0000219	0	0.27174E-02	387976.6	3743897.5	10.0	0.00	4.49	2.89	YES	HRDOW	NO
L0000220	0	0.27174E-02	387986.3	3743897.4	10.0	0.00	4.49	2.89	YES	HRDOW	NO
L0000221	0	0.27174E-02	387995.9	3743897.3	10.0	0.00	4.49	2.89	YES	HRDOW	NO
L0000222	0	0.27174E-02	388005.6	3743897.2	10.1	0.00	4.49	2.89	YES	HRDOW	NO
L0000223	0	0.27174E-02	388015.2	3743897.1	10.2	0.00	4.49	2.89	YES	HRDOW	NO
L0000224	0	0.27174E-02	388024.9	3743897.0	10.2	0.00	4.49	2.89	YES	HRDOW	NO
L0000225	0	0.27174E-02	388034.5	3743896.9	10.2	0.00	4.49	2.89	YES	HRDOW	NO
L0000226	0	0.27174E-02	388044.2	3743896.8	10.2	0.00	4.49	2.89	YES	HRDOW	NO
L0000227	0	0.27174E-02	388053.9	3743896.7	10.1	0.00	4.49	2.89	YES	HRDOW	NO
L0000228	0	0.27174E-02	388063.5	3743896.6	10.0	0.00	4.49	2.89	YES	HRDOW	NO
L0000229	0	0.27174E-02	388073.2	3743896.5	9.9	0.00	4.49	2.89	YES	HRDOW	NO
L0000230	0	0.27174E-02	388082.8	3743896.4	9.9	0.00	4.49	2.89	YES	HRDOW	NO

 L0000231   0   0.27174E-02 388092.5 3743896.3   9.9   0.00   4.49
2.89   YES   HRDOW   NO
 L0000232   0   0.27174E-02 388102.1 3743896.2   9.8   0.00   4.49
2.89   YES   HRDOW   NO
 L0000233   0   0.27174E-02 388111.8 3743896.1   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000234   0   0.27174E-02 388121.5 3743896.0   9.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000235   0   0.27174E-02 388131.1 3743895.9   9.8   0.00   4.49
2.89   YES   HRDOW   NO
 L0000236   0   0.27174E-02 388136.1 3743891.4   10.0   0.00   4.49
2.89   YES   HRDOW   NO
 L0000237   0   0.27174E-02 388135.3 3743882.3   9.9   0.00   4.49
2.89   YES   HRDOW   NO
 L0000238   0   0.27174E-02 388125.6 3743882.3   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000239   0   0.27174E-02 388116.0 3743882.4   9.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000240   0   0.27174E-02 388106.3 3743882.4   9.7   0.00   4.49
2.89   YES   HRDOW   NO

 *** 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
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 L0000241   0   0.27174E-02 388096.7 3743882.5   9.8   0.00   4.49
2.89   YES   HRDOW   NO
 L0000242   0   0.27174E-02 388087.0 3743882.5   9.8   0.00   4.49
2.89   YES   HRDOW   NO
 L0000243   0   0.27174E-02 388077.3 3743882.6   9.9   0.00   4.49
2.89   YES   HRDOW   NO
 L0000244   0   0.27174E-02 388067.7 3743882.6   9.9   0.00   4.49
2.89   YES   HRDOW   NO
 L0000245   0   0.27174E-02 388058.0 3743882.7   10.0   0.00   4.49
2.89   YES   HRDOW   NO

L0000246	0	0.27174E-02	388048.4	3743882.7	10.1	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000247	0	0.27174E-02	388038.7	3743882.8	10.1	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000248	0	0.27174E-02	388029.1	3743882.8	10.1	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000249	0	0.27174E-02	388019.4	3743882.9	10.1	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000250	0	0.27174E-02	388009.7	3743882.9	10.0	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000251	0	0.27174E-02	388000.1	3743883.0	9.9	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000252	0	0.27174E-02	387990.4	3743883.0	9.9	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000253	0	0.27174E-02	387980.8	3743883.1	9.9	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000254	0	0.27174E-02	387971.1	3743883.1	9.9	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000255	0	0.27174E-02	387961.5	3743883.2	10.0	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000256	0	0.27174E-02	387951.8	3743883.2	10.2	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000257	0	0.27174E-02	387942.1	3743883.3	10.3	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000258	0	0.27174E-02	387932.5	3743883.3	10.4	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000259	0	0.27174E-02	387922.8	3743883.4	10.5	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000260	0	0.27174E-02	387913.2	3743883.4	10.6	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000261	0	0.27174E-02	387903.5	3743883.5	10.6	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000262	0	0.27174E-02	387893.8	3743883.5	10.6	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000263	0	0.27174E-02	387884.2	3743883.6	10.6	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000264	0	0.27174E-02	387874.5	3743883.6	10.7	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000265	0	0.27174E-02	387864.9	3743883.7	10.7	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000266	0	0.27174E-02	387855.2	3743883.7	10.6	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000267	0	0.27174E-02	387845.6	3743883.8	10.6	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000268	0	0.27174E-02	387835.9	3743883.8	10.5	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000269	0	0.27174E-02	387826.2	3743883.9	10.4	0.00	4.49	
2.89	YES	HRDOW	NO					
L0000270	0	0.27174E-02	387816.6	3743883.9	10.3	0.00	4.49	
2.89	YES	HRDOW	NO					

 L0000271   0   0.27174E-02 387813.4 3743877.5   10.2   0.00   4.49
2.89   YES   HRDOW   NO
 L0000272   0   0.27174E-02 387813.4 3743867.8   10.1   0.00   4.49
2.89   YES   HRDOW   NO
 L0000273   0   0.27174E-02 387821.7 3743866.5   10.1   0.00   4.49
2.89   YES   HRDOW   NO
 L0000274   0   0.27174E-02 387831.4 3743866.6   10.2   0.00   4.49
2.89   YES   HRDOW   NO
 L0000275   0   0.27174E-02 387841.0 3743866.6   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000276   0   0.27174E-02 387850.7 3743866.6   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000277   0   0.27174E-02 387860.3 3743866.7   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000278   0   0.27174E-02 387870.0 3743866.7   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000279   0   0.27174E-02 387879.6 3743866.8   10.4   0.00   4.49
2.89   YES   HRDOW   NO
 L0000280   0   0.27174E-02 387889.3 3743866.8   10.3   0.00   4.49
2.89   YES   HRDOW   NO

 *** 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
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 L0000281   0   0.27174E-02 387899.0 3743866.8   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000282   0   0.27174E-02 387908.6 3743866.9   10.3   0.00   4.49
2.89   YES   HRDOW   NO
 L0000283   0   0.27174E-02 387918.3 3743866.9   10.2   0.00   4.49
2.89   YES   HRDOW   NO
 L0000284   0   0.27174E-02 387927.9 3743866.9   10.2   0.00   4.49
2.89   YES   HRDOW   NO
 L0000285   0   0.27174E-02 387937.6 3743867.0   10.1   0.00   4.49
2.89   YES   HRDOW   NO

L0000286	0	0.27174E-02	387947.2	3743867.0	10.0	0.00	4.49	2.89	YES	HRDOW	NO
L0000287	0	0.27174E-02	387956.9	3743867.0	9.9	0.00	4.49	2.89	YES	HRDOW	NO
L0000288	0	0.27174E-02	387966.6	3743867.1	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000289	0	0.27174E-02	387976.2	3743867.1	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000290	0	0.27174E-02	387985.9	3743867.1	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000291	0	0.27174E-02	387995.5	3743867.2	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000292	0	0.27174E-02	388005.2	3743867.2	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000293	0	0.27174E-02	388014.9	3743867.2	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000294	0	0.27174E-02	388024.5	3743867.3	9.9	0.00	4.49	2.89	YES	HRDOW	NO
L0000295	0	0.27174E-02	388034.2	3743867.3	9.9	0.00	4.49	2.89	YES	HRDOW	NO
L0000296	0	0.27174E-02	388043.8	3743867.3	9.9	0.00	4.49	2.89	YES	HRDOW	NO
L0000297	0	0.27174E-02	388053.5	3743867.4	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000298	0	0.27174E-02	388063.1	3743867.4	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000299	0	0.27174E-02	388072.8	3743867.4	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000300	0	0.27174E-02	388082.5	3743867.5	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000301	0	0.27174E-02	388092.1	3743867.5	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000302	0	0.27174E-02	388101.8	3743867.5	9.7	0.00	4.49	2.89	YES	HRDOW	NO
L0000303	0	0.27174E-02	388111.4	3743867.6	9.7	0.00	4.49	2.89	YES	HRDOW	NO
L0000304	0	0.27174E-02	388119.4	3743866.7	9.6	0.00	4.49	2.89	YES	HRDOW	NO
L0000305	0	0.27174E-02	388113.9	3743858.8	9.6	0.00	4.49	2.89	YES	HRDOW	NO
L0000306	0	0.27174E-02	388108.5	3743850.8	10.2	0.00	4.49	2.89	YES	HRDOW	NO
L0000307	0	0.27174E-02	388099.9	3743848.9	10.0	0.00	4.49	2.89	YES	HRDOW	NO
L0000308	0	0.27174E-02	388090.2	3743849.1	9.9	0.00	4.49	2.89	YES	HRDOW	NO
L0000309	0	0.27174E-02	388080.6	3743849.2	9.8	0.00	4.49	2.89	YES	HRDOW	NO
L0000310	0	0.27174E-02	388070.9	3743849.4	9.7	0.00	4.49	2.89	YES	HRDOW	NO

 L0000311   0   0.27174E-02 388061.2 3743849.6   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000312   0   0.27174E-02 388051.6 3743849.8   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000313   0   0.27174E-02 388041.9 3743849.9   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000314   0   0.27174E-02 388032.3 3743850.1   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000315   0   0.27174E-02 388022.6 3743850.3   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000316   0   0.27174E-02 388013.0 3743850.5   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000317   0   0.27174E-02 388003.3 3743850.6   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000318   0   0.27174E-02 387993.7 3743850.8   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000319   0   0.27174E-02 387984.0 3743851.0   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000320   0   0.27174E-02 387974.3 3743851.2   9.7   0.00   4.49
2.89   YES   HRDOW   NO

 *** 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
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 L0000321   0   0.27174E-02 387964.7 3743851.3   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000322   0   0.27174E-02 387955.0 3743851.5   9.8   0.00   4.49
2.89   YES   HRDOW   NO
 L0000323   0   0.27174E-02 387945.4 3743851.7   9.9   0.00   4.49
2.89   YES   HRDOW   NO
 L0000324   0   0.27174E-02 387935.7 3743851.9   9.9   0.00   4.49
2.89   YES   HRDOW   NO
 L0000325   0   0.27174E-02 387926.1 3743852.0   10.0   0.00   4.49
2.89   YES   HRDOW   NO

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 L0000326         0   0.27174E-02  387916.4 3743852.2    10.0     0.00     4.49
2.89     YES   HRDOW            NO
 L0000327         0   0.27174E-02  387906.8 3743852.4    10.0     0.00     4.49
2.89     YES   HRDOW            NO
 L0000328         0   0.27174E-02  387897.1 3743852.6    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000329         0   0.27174E-02  387887.4 3743852.7    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000330         0   0.27174E-02  387877.8 3743852.9    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000331         0   0.27174E-02  387868.1 3743853.1    10.2     0.00     4.49
2.89     YES   HRDOW            NO
 L0000332         0   0.27174E-02  387858.5 3743853.2    10.2     0.00     4.49
2.89     YES   HRDOW            NO
 L0000333         0   0.27174E-02  387848.8 3743853.4    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000334         0   0.27174E-02  387839.2 3743853.6    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000335         0   0.27174E-02  387829.5 3743853.8    10.0     0.00     4.49
2.89     YES   HRDOW            NO
 L0000336         0   0.27174E-02  387819.8 3743853.9    10.0     0.00     4.49
2.89     YES   HRDOW            NO
 L0000337         0   0.27174E-02  387815.7 3743848.1     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000338         0   0.27174E-02  387815.0 3743838.5     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000339         0   0.27174E-02  387823.8 3743837.5     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000340         0   0.27174E-02  387833.5 3743837.2     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000341         0   0.27174E-02  387843.1 3743837.0     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000342         0   0.27174E-02  387852.8 3743836.8     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000343         0   0.27174E-02  387862.5 3743836.5     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000344         0   0.27174E-02  387872.1 3743836.3     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000345         0   0.27174E-02  387881.8 3743836.0     9.9     0.00     4.49
2.89     YES   HRDOW            NO
 L0000346         0   0.27174E-02  387891.4 3743835.8     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000347         0   0.27174E-02  387901.1 3743835.5     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000348         0   0.27174E-02  387910.7 3743835.3     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000349         0   0.27174E-02  387920.4 3743835.1     9.8     0.00     4.49
2.89     YES   HRDOW            NO
 L0000350         0   0.27174E-02  387930.0 3743834.8     9.8     0.00     4.49
2.89     YES   HRDOW            NO
```

 L0000351   0   0.27174E-02 387939.7 3743834.6   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000352   0   0.27174E-02 387949.3 3743834.3   9.7   0.00   4.49
2.89   YES   HRDOW   NO
 L0000353   0   0.27174E-02 387959.0 3743834.1   9.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000354   0   0.27174E-02 387968.7 3743833.8   9.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000355   0   0.27174E-02 387978.3 3743833.6   9.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000356   0   0.27174E-02 387988.0 3743833.4   9.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000357   0   0.27174E-02 387997.6 3743833.1   9.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000358   0   0.27174E-02 388007.3 3743832.9   9.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000359   0   0.27174E-02 388016.9 3743832.6   9.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000360   0   0.27174E-02 388026.6 3743832.4   9.5   0.00   4.49
2.89   YES   HRDOW   NO

 *** 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
 -
- - - - - - - - - - - - - - - - - - - -

 L0000361   0   0.27174E-02 388036.2 3743832.1   9.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000362   0   0.27174E-02 388045.9 3743831.9   9.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000363   0   0.27174E-02 388055.5 3743831.7   9.5   0.00   4.49
2.89   YES   HRDOW   NO
 L0000364   0   0.27174E-02 388065.2 3743831.4   9.6   0.00   4.49
2.89   YES   HRDOW   NO
 L0000365   0   0.27174E-02 388074.9 3743831.2   9.7   0.00   4.49
2.89   YES   HRDOW   NO

```
 L0000366         0   0.27174E-02  388084.5 3743830.9    10.1     0.00     4.49
2.89     YES   HRDOW            NO
 L0000367         0   0.27174E-02  388094.2 3743830.7    10.4     0.00     4.49
2.89     YES   HRDOW            NO
 L0000450         0   0.27174E-02  388093.5 3743824.5    10.7     0.00     4.49
2.89     YES   HRDOW            NO
 L0000368         0   0.12195E-01  387795.9 3743986.8    10.2     2.59     6.33
2.41     YES   HRDOW            NO
 L0000369         0   0.12195E-01  387795.8 3743973.2    10.1     2.59     6.33
2.41     YES   HRDOW            NO
 L0000370         0   0.12195E-01  387795.6 3743959.5    10.0     2.59     6.33
2.41     YES   HRDOW            NO
 L0000371         0   0.12195E-01  387795.5 3743945.9    10.0     2.59     6.33
2.41     YES   HRDOW            NO
 L0000372         0   0.12195E-01  387795.3 3743932.3    10.0     2.59     6.33
2.41     YES   HRDOW            NO
 L0000373         0   0.12195E-01  387795.2 3743918.7     9.9     2.59     6.33
2.41     YES   HRDOW            NO
 L0000374         0   0.12195E-01  387795.1 3743905.1     9.9     2.59     6.33
2.41     YES   HRDOW            NO
 L0000375         0   0.12195E-01  387794.9 3743891.4     9.9     2.59     6.33
2.41     YES   HRDOW            NO
 L0000376         0   0.12195E-01  387794.8 3743877.8     9.9     2.59     6.33
2.41     YES   HRDOW            NO
 L0000377         0   0.12195E-01  387794.6 3743864.2     9.8     2.59     6.33
2.41     YES   HRDOW            NO
 L0000378         0   0.12195E-01  387794.5 3743850.6     9.8     2.59     6.33
2.41     YES   HRDOW            NO
 L0000379         0   0.12195E-01  387794.3 3743837.0     9.7     2.59     6.33
2.41     YES   HRDOW            NO
 L0000380         0   0.12195E-01  387791.2 3743824.2     9.7     2.59     6.33
2.41     YES   HRDOW            NO
 L0000381         0   0.12195E-01  387780.2 3743817.7     9.8     2.59     6.33
2.41     YES   HRDOW            NO
 L0000382         0   0.12195E-01  387766.6 3743817.3    10.0     2.59     6.33
2.41     YES   HRDOW            NO
 L0000383         0   0.12195E-01  387752.9 3743817.5    10.1     2.59     6.33
2.41     YES   HRDOW            NO
 L0000384         0   0.12195E-01  387739.3 3743817.7    10.2     2.59     6.33
2.41     YES   HRDOW            NO
 L0000385         0   0.12195E-01  387725.7 3743817.8    10.2     2.59     6.33
2.41     YES   HRDOW            NO
 L0000386         0   0.12195E-01  387712.1 3743818.0    10.2     2.59     6.33
2.41     YES   HRDOW            NO
 L0000387         0   0.12195E-01  387698.5 3743818.0    10.3     2.59     6.33
2.41     YES   HRDOW            NO
 L0000388         0   0.12195E-01  387684.8 3743818.0    10.3     2.59     6.33
2.41     YES   HRDOW            NO
 L0000389         0   0.12195E-01  387671.7 3743814.5    10.3     2.59     6.33
2.41     YES   HRDOW            NO
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000390	0	0.12195E-01	387659.8	3743808.1	10.2	2.59	6.33	2.41	YES	HRDOW	NO
L0000391	0	0.12195E-01	387648.2	3743801.0	10.0	2.59	6.33	2.41	YES	HRDOW	NO
L0000392	0	0.12195E-01	387637.1	3743793.0	10.0	2.59	6.33	2.41	YES	HRDOW	NO
L0000393	0	0.12195E-01	387626.4	3743784.7	10.0	2.59	6.33	2.41	YES	HRDOW	NO
L0000394	0	0.12195E-01	387618.7	3743774.0	9.9	2.59	6.33	2.41	YES	HRDOW	NO
L0000395	0	0.12195E-01	387613.5	3743761.4	9.9	2.59	6.33	2.41	YES	HRDOW	NO
L0000396	0	0.12195E-01	387609.6	3743748.4	9.8	2.59	6.33	2.41	YES	HRDOW	NO
L0000397	0	0.12195E-01	387605.9	3743735.2	9.7	2.59	6.33	2.41	YES	HRDOW	NO
L0000398	0	0.12195E-01	387605.0	3743721.8	9.7	2.59	6.33	2.41	YES	HRDOW	NO
L0000399	0	0.12195E-01	387607.3	3743708.4	9.6	2.59	6.33	2.41	YES	HRDOW	NO
L0000400	0	0.12195E-01	387610.2	3743695.1	9.6	2.59	6.33	2.41	YES	HRDOW	NO
L0000401	0	0.12195E-01	387613.1	3743681.8	9.5	2.59	6.33	2.41	YES	HRDOW	NO
L0000402	0	0.12195E-01	387616.2	3743668.6	9.5	2.59	6.33	2.41	YES	HRDOW	NO
L0000403	0	0.12195E-01	387619.8	3743655.4	9.5	2.59	6.33	2.41	YES	HRDOW	NO
L0000404	0	0.12195E-01	387623.5	3743642.3	9.5	2.59	6.33	2.41	YES	HRDOW	NO

L0000405	0	0.12195E-01	387627.1	3743629.2	9.4	2.59	6.33	2.41	YES	HRDOW	NO
L0000406	0	0.12195E-01	387630.7	3743616.0	9.3	2.59	6.33	2.41	YES	HRDOW	NO
L0000407	0	0.12195E-01	387633.6	3743602.8	9.3	2.59	6.33	2.41	YES	HRDOW	NO
L0000408	0	0.12195E-01	387625.2	3743595.4	9.3	2.59	6.33	2.41	YES	HRDOW	NO
L0000409	0	0.12195E-01	387612.4	3743590.9	9.2	2.59	6.33	2.41	YES	HRDOW	NO
L0000410	0	0.12195E-01	387599.7	3743586.0	9.2	2.59	6.33	2.41	YES	HRDOW	NO
L0000411	0	0.12195E-01	387586.9	3743581.2	9.3	2.59	6.33	2.41	YES	HRDOW	NO
L0000412	0	0.12195E-01	387574.2	3743576.5	9.4	2.59	6.33	2.41	YES	HRDOW	NO
L0000413	0	0.12195E-01	387561.4	3743571.8	9.5	2.59	6.33	2.41	YES	HRDOW	NO
L0000414	0	0.12195E-01	387548.6	3743567.1	9.5	2.59	6.33	2.41	YES	HRDOW	NO
L0000415	0	0.12195E-01	387535.8	3743562.4	9.4	2.59	6.33	2.41	YES	HRDOW	NO
L0000416	0	0.12195E-01	387523.0	3743557.8	9.2	2.59	6.33	2.41	YES	HRDOW	NO
L0000417	0	0.12195E-01	387510.2	3743553.1	9.2	2.59	6.33	2.41	YES	HRDOW	NO
L0000418	0	0.12195E-01	387497.5	3743548.2	9.2	2.59	6.33	2.41	YES	HRDOW	NO
L0000419	0	0.12195E-01	387486.7	3743540.7	9.1	2.59	6.33	2.41	YES	HRDOW	NO
L0000420	0	0.12195E-01	387486.4	3743528.0	9.0	2.59	6.33	2.41	YES	HRDOW	NO
L0000421	0	0.12195E-01	387490.6	3743515.0	9.1	2.59	6.33	2.41	YES	HRDOW	NO
L0000422	0	0.12195E-01	387492.9	3743501.6	9.3	2.59	6.33	2.41	YES	HRDOW	NO
L0000423	0	0.12195E-01	387495.2	3743488.2	9.4	2.59	6.33	2.41	YES	HRDOW	NO
L0000424	0	0.12195E-01	387497.4	3743474.8	9.3	2.59	6.33	2.41	YES	HRDOW	NO
L0000425	0	0.12195E-01	387499.7	3743461.3	9.0	2.59	6.33	2.41	YES	HRDOW	NO
L0000426	0	0.12195E-01	387502.0	3743447.9	9.1	2.59	6.33	2.41	YES	HRDOW	NO
L0000427	0	0.12195E-01	387504.2	3743434.5	9.2	2.59	6.33	2.41	YES	HRDOW	NO
L0000428	0	0.12195E-01	387506.5	3743421.0	9.2	2.59	6.33	2.41	YES	HRDOW	NO
L0000429	0	0.12195E-01	387508.8	3743407.6	9.0	2.59	6.33	2.41	YES	HRDOW	NO

 L0000430   0   0.12195E-01 387511.8 3743394.3   8.9   2.59   6.33
2.41   YES   HRDOW   NO
 L0000431   0   0.12195E-01 387515.2 3743381.2   8.8   2.59   6.33
2.41   YES   HRDOW   NO
 L0000432   0   0.12195E-01 387518.7 3743368.0   8.7   2.59   6.33
2.41   YES   HRDOW   NO
 L0000433   0   0.12195E-01 387517.1 3743354.5   8.8   2.59   6.33
2.41   YES   HRDOW   NO
 L0000434   0   0.12195E-01 387509.0 3743345.8   8.8   2.59   6.33
2.41   YES   HRDOW   NO
 L0000435   0   0.12195E-01 387495.6 3743344.9   8.8   2.59   6.33
2.41   YES   HRDOW   NO
 L0000436   0   0.12195E-01 387481.9 3743345.0   8.8   2.59   6.33
2.41   YES   HRDOW   NO
 L0000437   0   0.12195E-01 387468.3 3743345.0   8.7   2.59   6.33
2.41   YES   HRDOW   NO
 L0000438   0   0.12195E-01 387454.7 3743345.1   8.7   2.59   6.33
2.41   YES   HRDOW   NO
 L0000439   0   0.12195E-01 387441.1 3743345.1   8.7   2.59   6.33
2.41   YES   HRDOW   NO

 *** 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
 -
- - - - - - - - - - - - - - - - - - - -

 L0000440   0   0.12195E-01 387427.5 3743345.2   8.7   2.59   6.33
2.41   YES   HRDOW   NO
 L0000441   0   0.12195E-01 387413.8 3743345.2   8.7   2.59   6.33
2.41   YES   HRDOW   NO
 L0000442   0   0.12195E-01 387400.2 3743345.2   8.7   2.59   6.33
2.41   YES   HRDOW   NO
 L0000443   0   0.12195E-01 387386.6 3743345.3   8.7   2.59   6.33
2.41   YES   HRDOW   NO
 L0000444   0   0.12195E-01 387373.0 3743345.3   8.7   2.59   6.33
2.41   YES   HRDOW   NO

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ONSITE	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 , L0000066 , L0000067 , L0000068 , L0000069 ,

L0000070   , L0000071   , L0000072   ,

             L0000073   , L0000074   , L0000075   , L0000076   , L0000077   ,
L0000078   , L0000079   , L0000080   ,

             L0000081   , L0000082   , L0000083   , L0000084   , L0000085   ,
L0000086   , L0000087   , L0000088   ,

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L0000094   , L0000095   , L0000096   ,

             L0000097   , L0000098   , L0000099   , L0000100   , L0000101   ,
L0000102   , L0000103   , L0000104   ,

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L0000134   , L0000135   , L0000136   ,

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L0000142   , L0000143   , L0000144   ,

             L0000145   , L0000146   , L0000147   , L0000148   , L0000149   ,
L0000150   , L0000151   , L0000152   ,

             L0000153   , L0000154   , L0000155   , L0000156   , L0000157   ,
L0000158   , L0000159   , L0000160   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0000161   , L0000162   , L0000163   , L0000164   , L0000165   ,

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             L0000177    , L0000178    , L0000179    , L0000180    , L0000181    ,
L0000182    , L0000183    , L0000184    ,

             L0000185    , L0000186    , L0000187    , L0000188    , L0000189    ,
L0000190    , L0000191    , L0000192    ,

             L0000193    , L0000194    , L0000195    , L0000196    , L0000197    ,
L0000198    , L0000199    , L0000200    ,

             L0000201    , L0000202    , L0000203    , L0000204    , L0000205    ,
L0000206    , L0000207    , L0000208    ,

             L0000209    , L0000210    , L0000211    , L0000212    , L0000213    ,
L0000214    , L0000215    , L0000216    ,

             L0000217    , L0000218    , L0000219    , L0000220    , L0000221    ,
L0000222    , L0000223    , L0000224    ,

             L0000225    , L0000226    , L0000227    , L0000228    , L0000229    ,
L0000230    , L0000231    , L0000232    ,

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L0000246    , L0000247    , L0000248    ,

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L0000278    , L0000279    , L0000280    ,

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L0000286    , L0000287    , L0000288    ,

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L0000294    , L0000295    , L0000296    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 ,
	L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 ,
	L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , L0000318 , L0000319 , L0000320 ,
	L0000321 , L0000322 , L0000323 , L0000324 , L0000325 , L0000326 , L0000327 , L0000328 ,
	L0000329 , L0000330 , L0000331 , L0000332 , L0000333 , L0000334 , L0000335 , L0000336 ,
	L0000337 , L0000338 , L0000339 , L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
	L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 , L0000352 ,
	L0000353 , L0000354 , L0000355 , L0000356 , L0000357 , L0000358 , L0000359 , L0000360 ,
	L0000361 , L0000362 , L0000363 , L0000364 , L0000365 , L0000366 , L0000367 , L0000450 ,
HAUL	L0000368 , L0000369 , L0000370 , L0000371 , L0000372 , L0000373 , L0000374 , L0000375 ,
	L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 , L0000382 , L0000383 ,
	L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 , L0000390 , L0000391 ,

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            L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
L0000397    , L0000398    , L0000399    ,

            L0000400    , L0000401    , L0000402    , L0000403    , L0000404    ,
L0000405    , L0000406    , L0000407    ,

            L0000408    , L0000409    , L0000410    , L0000411    , L0000412    ,
L0000413    , L0000414    , L0000415    ,

            L0000416    , L0000417    , L0000418    , L0000419    , L0000420    ,
L0000421    , L0000422    , L0000423    ,

            L0000424    , L0000425    , L0000426    , L0000427    , L0000428    ,
L0000429    , L0000430    , L0000431    ,

            L0000432    , L0000433    , L0000434    , L0000435    , L0000436    ,
L0000437    , L0000438    , L0000439    ,

            L0000440    , L0000441    , L0000442    , L0000443    , L0000444    ,
L0000445    , L0000446    , L0000447    ,

            L0000448    , L0000449    ,

  ALL       L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
 -----------                                                ----------


            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
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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    , L0000066    , L0000067    , L0000068    , L0000069    ,
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L0000094    , L0000095    , L0000096    ,

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L0000110    , L0000111    , L0000112    ,

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L0000118    , L0000119    , L0000120    ,

             L0000121    , L0000122    , L0000123    , L0000124    , L0000125    ,
L0000126    , L0000127    , L0000128    ,

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L0000134    , L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    ,
L0000142    , L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    ,
L0000150    , L0000151    , L0000152    ,

             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    ,
L0000158    , L0000159    , L0000160    ,

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L0000166    , L0000167    , L0000168    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000185 , L0000186 , L0000187 , L0000188 , L0000189 ,
L0000190 , L0000191 , L0000192 ,

L0000193 , L0000194 , L0000195 , L0000196 , L0000197 ,
L0000198 , L0000199 , L0000200 ,

L0000201 , L0000202 , L0000203 , L0000204 , L0000205 ,
L0000206 , L0000207 , L0000208 ,

L0000209 , L0000210 , L0000211 , L0000212 , L0000213 ,
L0000214 , L0000215 , L0000216 ,

L0000217 , L0000218 , L0000219 , L0000220 , L0000221 ,
L0000222 , L0000223 , L0000224 ,

L0000225 , L0000226 , L0000227 , L0000228 , L0000229 ,
L0000230 , L0000231 , L0000232 ,

L0000233 , L0000234 , L0000235 , L0000236 , L0000237 ,
L0000238 , L0000239 , L0000240 ,

L0000241 , L0000242 , L0000243 , L0000244 , L0000245 ,
L0000246 , L0000247 , L0000248 ,

L0000249 , L0000250 , L0000251 , L0000252 , L0000253 ,
L0000254 , L0000255 , L0000256 ,

L0000257 , L0000258 , L0000259 , L0000260 , L0000261 ,
L0000262 , L0000263 , L0000264 ,

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             L0000265    , L0000266    , L0000267    , L0000268    , L0000269    ,
L0000270    , L0000271    , L0000272    ,

             L0000273    , L0000274    , L0000275    , L0000276    , L0000277    ,
L0000278    , L0000279    , L0000280    ,

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L0000286    , L0000287    , L0000288    ,

             L0000289    , L0000290    , L0000291    , L0000292    , L0000293    ,
L0000294    , L0000295    , L0000296    ,

             L0000297    , L0000298    , L0000299    , L0000300    , L0000301    ,
L0000302    , L0000303    , L0000304    ,

             L0000305    , L0000306    , L0000307    , L0000308    , L0000309    ,
L0000310    , L0000311    , L0000312    ,

             L0000313    , L0000314    , L0000315    , L0000316    , L0000317    ,
L0000318    , L0000319    , L0000320    ,

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L0000326    , L0000327    , L0000328    ,

             L0000329    , L0000330    , L0000331    , L0000332    , L0000333    ,
L0000334    , L0000335    , L0000336    ,

             L0000337    , L0000338    , L0000339    , L0000340    , L0000341    ,
L0000342    , L0000343    , L0000344    ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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             L0000345    , L0000346    , L0000347    , L0000348    , L0000349    ,
L0000350    , L0000351    , L0000352    ,

             L0000353    , L0000354    , L0000355    , L0000356    , L0000357    ,
L0000358    , L0000359    , L0000360    ,
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             L0000361    , L0000362    , L0000363    , L0000364    , L0000365    ,
L0000366    , L0000367    , L0000450    ,

             L0000368    , L0000369    , L0000370    , L0000371    , L0000372    ,
L0000373    , L0000374    , L0000375    ,

             L0000376    , L0000377    , L0000378    , L0000379    , L0000380    ,
L0000381    , L0000382    , L0000383    ,

             L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    , L0000390    , L0000391    ,

             L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
L0000397    , L0000398    , L0000399    ,

             L0000400    , L0000401    , L0000402    , L0000403    , L0000404    ,
L0000405    , L0000406    , L0000407    ,

             L0000408    , L0000409    , L0000410    , L0000411    , L0000412    ,
L0000413    , L0000414    , L0000415    ,

             L0000416    , L0000417    , L0000418    , L0000419    , L0000420    ,
L0000421    , L0000422    , L0000423    ,

             L0000424    , L0000425    , L0000426    , L0000427    , L0000428    ,
L0000429    , L0000430    , L0000431    ,

             L0000432    , L0000433    , L0000434    , L0000435    , L0000436    ,
L0000437    , L0000438    , L0000439    ,

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L0000445    , L0000446    , L0000447    ,

             L0000448    , L0000449    ,
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                           ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:36:55

                                    PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------
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              450901.   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    ,

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L0000062    , L0000063    , L0000064    ,

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L0000094    , L0000095    , L0000096    ,

              L0000097    , L0000098    , L0000099    , L0000100    , L0000101    ,
L0000102    , L0000103    , L0000104    ,

              L0000105    , L0000106    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

              L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,

              L0000121    , L0000122    , L0000123    , L0000124    , L0000125    ,
L0000126    , L0000127    , L0000128    ,

              L0000129    , L0000130    , L0000131    , L0000132    , L0000133    ,
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L0000134   , L0000135   , L0000136   ,

             L0000137   , L0000138   , L0000139   , L0000140   , L0000141   ,
L0000142   , L0000143   , L0000144   ,

             L0000145   , L0000146   , L0000147   , L0000148   , L0000149   ,
L0000150   , L0000151   , L0000152   ,

             L0000153   , L0000154   , L0000155   , L0000156   , L0000157   ,
L0000158   , L0000159   , L0000160   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

             L0000161   , L0000162   , L0000163   , L0000164   , L0000165   ,
L0000166   , L0000167   , L0000168   ,

             L0000169   , L0000170   , L0000171   , L0000172   , L0000173   ,
L0000174   , L0000175   , L0000176   ,

             L0000177   , L0000178   , L0000179   , L0000180   , L0000181   ,
L0000182   , L0000183   , L0000184   ,

             L0000185   , L0000186   , L0000187   , L0000188   , L0000189   ,
L0000190   , L0000191   , L0000192   ,

             L0000193   , L0000194   , L0000195   , L0000196   , L0000197   ,
L0000198   , L0000199   , L0000200   ,

             L0000201   , L0000202   , L0000203   , L0000204   , L0000205   ,
L0000206   , L0000207   , L0000208   ,

             L0000209   , L0000210   , L0000211   , L0000212   , L0000213   ,
L0000214   , L0000215   , L0000216   ,

             L0000217   , L0000218   , L0000219   , L0000220   , L0000221   ,
L0000222   , L0000223   , L0000224   ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000321 , L0000322 , L0000323 , L0000324 , L0000325 , L0000326 , L0000327 , L0000328 ,

L0000329 , L0000330 , L0000331 , L0000332 , L0000333 , L0000334 , L0000335 , L0000336 ,

L0000337 , L0000338 , L0000339 , L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,

L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 , L0000352 ,

L0000353 , L0000354 , L0000355 , L0000356 , L0000357 , L0000358 , L0000359 , L0000360 ,

L0000361 , L0000362 , L0000363 , L0000364 , L0000365 , L0000366 , L0000367 , L0000450 ,

L0000368 , L0000369 , L0000370 , L0000371 , L0000372 , L0000373 , L0000374 , L0000375 ,

L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 , L0000382 , L0000383 ,

L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 , L0000390 , L0000391 ,

L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , L0000397 , L0000398 , L0000399 ,

L0000400 , L0000401 , L0000402 , L0000403 , L0000404 , L0000405 , L0000406 , L0000407 ,

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L0000416 , L0000417 , L0000418 , L0000419 , L0000420 , L0000421 , L0000422 , L0000423 ,

L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 ,

L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 , L0000439 ,

L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 , L0000447 ,

L0000448 , L0000449 ,

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

SOURCE ID = L0000001 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000002 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000003 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** 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 = 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
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*** AERMET - VERSION 22112 ***   ***
                      ***   14:36:55

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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                  * 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                  * 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE  29
 *** 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .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 = 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000009 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000010 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                      ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       14:36:55

                                  PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000011     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000014 ; 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	.0000E+00	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  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000015     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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

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

 SOURCE ID = L0000016     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000017 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000018 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

 SOURCE ID = L0000019   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                 PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000020     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                 PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
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 SOURCE ID = L0000021     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000022     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   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
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE  45
 *** 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
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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 = 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000026     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000027   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000033 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000034 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000035   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

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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 = 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000042   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000043     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000044     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***       14:36:55

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

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

SOURCE ID = L0000047 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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) *

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 SOURCE ID = L0000048     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000049     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .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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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

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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 = L0000050     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000051 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000052 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000053 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000054     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000055     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                  * 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = 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	.0000E+00	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  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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

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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000066     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000067   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   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
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

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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   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000070   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000071     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** 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 = L0000072     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   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 = 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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

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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** 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 = 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** 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 = L0000076     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000077   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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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                         ***        08/25/25
 *** 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 = 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000081   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000082 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000083 ; SOURCE TYPE = VOLUME :

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

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

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

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000084 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000087 ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000088   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

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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 = 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

                                    PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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

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

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000095 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000099     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .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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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000100     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000101 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00		
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00		
17	.0000E+00	18	.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 = L0000103 ; 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	.0000E+00	8	.1000E+01		
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00		
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SATURDAY

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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000104     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000105     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                  * 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 129
 *** 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  URBAN  ADJ_U*

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

 SOURCE ID = L0000108     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000109 ; 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	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.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 = L0000110 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                    * 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000114     ; 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  .0000E+00    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  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000115     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   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 = 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000117 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000118 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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

 SOURCE ID = L0000119   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000120   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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) *

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 SOURCE ID = L0000121     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000122     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   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
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000123     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

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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 = L0000124     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

                                PAGE 147
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000125     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000126     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000127   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000128 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000129 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000130 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

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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 = L0000131     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000132 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000133 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.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 = L0000134 ; 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	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.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 = L0000135   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000136 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000137 ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000138   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

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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 = L0000139     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000140 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000141 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000142   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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

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

SOURCE ID = L0000143 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000144 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000145 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000146   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000147   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000148     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000149     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .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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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000150     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000151 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000152 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000153 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

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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 = L0000154     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000155     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000156     ; SOURCE TYPE = VOLUME   :
  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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 179
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000157     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000158     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000159 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000160 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***       14:36:55

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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 = L0000161     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000162 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000163 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000164 ; 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	.0000E+00	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  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 187
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000165     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
```

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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000166     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                 PAGE 189
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000167 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000168 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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

 SOURCE ID = L0000169   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000170     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000171     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 194
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000172     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000173   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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

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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

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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 = L0000174     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

                                PAGE 197
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000175     ; SOURCE TYPE = VOLUME   :
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```
  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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000176     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000177   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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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                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000178     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000179     ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000180 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
1*** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:36:55

                                    PAGE 203
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000181     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
1*** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000182 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000183 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000184 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000185   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000186 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000187 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

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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 = L0000188     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

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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 = L0000189     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

                                    PAGE 212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

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

SOURCE ID = L0000190 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000191 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000192 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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

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

SOURCE ID = L0000193 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000194 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000195 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000196   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000197     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
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 SOURCE ID = L0000198     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 221
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000199     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 222
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000200     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000201 ; 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	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.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 = L0000202 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000203 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000204     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000205     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000206     ; SOURCE TYPE = VOLUME   :
  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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 229
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000207     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  URBAN  ADJ_U*

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

 SOURCE ID = L0000208     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000209 ; 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	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.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 = L0000210 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000211     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000212 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000213 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000214 ; 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	.0000E+00	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  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000215     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000216     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                 PAGE 239
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000217 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000218 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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

 SOURCE ID = L0000219   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000220   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000221     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000222     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   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
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000223     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000224     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000225     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000226     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000227   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000228   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000229   ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000230 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
1*** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:36:55

                                    PAGE 253
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000231     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
1*** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000232 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000233 ; SOURCE TYPE = VOLUME :

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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 256
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000234     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000235   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000236 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000237 ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000238   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

                                    PAGE 261
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000239     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

                                    PAGE 262
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

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

SOURCE ID = L0000240 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000241 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000242   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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

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

SOURCE ID = L0000243 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000244 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000245 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                              ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                             ***       14:36:55

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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 = L0000246     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000247 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000248     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000249     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .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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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

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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 = L0000250     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000251 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000252 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000253 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

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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 = L0000254     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000255   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                   DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000256   ; SOURCE TYPE = VOLUME   :
  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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000257     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000258     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55
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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 = L0000259 ; 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	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.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 = L0000260 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000261     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000262 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000263 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000264 ; 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	.0000E+00	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  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000265     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
```

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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000266     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 289
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000267 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000268 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   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
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

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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 = L0000269     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000270   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000271 ; 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	.0000E+00
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.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 = L0000272 ; 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	.0000E+00
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.0000E+00	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 = L0000273   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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

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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 296
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000274     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 297
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000275     ; SOURCE TYPE = VOLUME   :
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```
  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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000276     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000277   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000278   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000279   ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000280 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000281   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000282 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000283 ; SOURCE TYPE = VOLUME :

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

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

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

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000284 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000285   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000286 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000287 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** 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 = L0000288     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

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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 = L0000289     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

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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 = L0000290 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000291 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000292   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000293     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000294 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000295 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                              ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                             ***       14:36:55

                                    PAGE 318
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000296     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000297 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000298     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000299     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000300     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000301 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000302 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000303 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                    PAGE 326
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000304     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000305     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000306     ; SOURCE TYPE = VOLUME   :
  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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 329
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000307     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  URBAN  ADJ_U*

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

 SOURCE ID = L0000308     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000309 ; 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	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.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 = L0000310 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000311     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000312 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000313 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000314 ; 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	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000315     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000316     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000317   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000318   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

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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 = L0000319     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000320   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000321     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000322     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   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
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 345
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000323     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

                                PAGE 346
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000324     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

                                PAGE 347
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000325     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000326     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000327   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000328   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000329   ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000330 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
1*** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:36:55

                                    PAGE 353
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000331     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
1*** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000332 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000333 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000334 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000335   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000336 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000337 ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000338   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

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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 = L0000339     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

                                    PAGE 362
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000340 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000341 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000342   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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

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

SOURCE ID = L0000343 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000344 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000345 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 368
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000346     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 369
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000347     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 370
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
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 SOURCE ID = L0000348     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                  PAGE 371
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000349     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000350 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000351 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000352 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000353 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 376
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000354     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000355     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000356     ; SOURCE TYPE = VOLUME   :
  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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 379
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000357     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .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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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000358     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000359 ; 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	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.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 = L0000360 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000361     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000362 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000363 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000364 ; 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	.0000E+00	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  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 387
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000365     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                 PAGE 388
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000366     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                 PAGE 389
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

SOURCE ID = L0000367 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000450 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

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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 = L0000368     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000369   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000370     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000371     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 395
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000372     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

                                PAGE 396
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000373     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

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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 = L0000374     ; SOURCE TYPE = VOLUME   :
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```
  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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000375     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000376   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000377   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000378   ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000379 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 403
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000380     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000381 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000382 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000383 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000384   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000385 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000386 ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000387   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

                                    PAGE 411
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000388     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

                                    PAGE 412
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000389 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000390 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000391   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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

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

SOURCE ID = L0000392 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000393   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000394   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                  PAGE 418
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000395     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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

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

SOURCE ID = L0000396 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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) *

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 SOURCE ID = L0000397     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                PAGE 421
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000398     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 422
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000399     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000400 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000401 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000402 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 426
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000403     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000404   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000405   ; SOURCE TYPE = VOLUME   :
  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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 429
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000406     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    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
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 430
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000407     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000408 ; 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	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.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 = L0000409 ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000410     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000411 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000412 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000413 ; 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	.0000E+00	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  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 437
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000414     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   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 = L0000415   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000416 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000417 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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

 SOURCE ID = L0000418   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000419   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000420     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

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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 = L0000421     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000422 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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

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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

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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 = L0000423     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

                                PAGE 447
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000424     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000425     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000426   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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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                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000427     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 451
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000428     ; SOURCE TYPE = VOLUME   :
  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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000429 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000430     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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 = L0000431 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000432 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.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 = L0000433 ; 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	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.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 = L0000434   ; 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 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .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 = L0000435 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000436 ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000437   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

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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 = L0000438     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                             ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                            ***        14:36:55

                                    PAGE 462
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000439 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.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 = L0000440 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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 = L0000441   ; 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 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000442     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

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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 = L0000443 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000444 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                              ***        08/25/25
 *** 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 = L0000445     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 469
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000446     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 470
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
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 SOURCE ID = L0000447     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 471
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000448     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 472
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000449     ; 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  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(387507.3, 3743641.7, 10.3, 10.3, 0.0); (387507.3, 3743691.7, 10.5, 10.5, 0.0);
(387507.3, 3743741.7, 10.5, 10.5, 0.0); (387507.3, 3743791.7, 10.2, 10.2, 0.0);
(387507.3, 3743841.7, 10.6, 10.6, 0.0); (387557.3, 3743641.7, 9.9, 9.9, 0.0);
(387557.3, 3743691.7, 10.3, 10.3, 0.0); (387557.3, 3743741.7, 10.7, 10.7, 0.0);
(387557.3, 3743791.7, 10.6, 10.6, 0.0); (387557.3, 3743841.7, 10.6, 10.6, 0.0);
(387557.3, 3743891.7, 11.0, 11.0, 0.0); (387557.3, 3743941.7, 11.5, 11.5, 0.0);
(387557.3, 3743991.7, 11.3, 11.3, 0.0); (387607.3, 3743841.7, 10.1, 10.1, 0.0);
(387607.3, 3743891.7, 10.6, 10.6, 0.0); (387607.3, 3743941.7, 10.7, 10.7, 0.0);
(387607.3, 3743991.7, 10.7, 10.7, 0.0); (387607.3, 3744041.7, 11.1, 11.1, 0.0);
(387607.3, 3744091.7, 10.9, 10.9, 0.0); (387657.3, 3743841.7, 10.8, 10.8, 0.0);
(387657.3, 3743891.7, 10.7, 10.7, 0.0); (387657.3, 3743941.7, 10.3, 10.3, 0.0);
(387657.3, 3743991.7, 10.7, 10.7, 0.0); (387657.3, 3744041.7, 11.3, 11.3, 0.0);
(387657.3, 3744091.7, 11.3, 11.3, 0.0); (387657.3, 3744141.7, 10.3, 10.3, 0.0);
(387707.3, 3743841.7, 10.5, 10.5, 0.0); (387707.3, 3743891.7, 10.5, 10.5, 0.0);
(387707.3, 3743941.7, 10.3, 10.3, 0.0); (387707.3, 3743991.7, 10.7, 10.7, 0.0);
(387707.3, 3744041.7, 10.7, 10.7, 0.0); (387707.3, 3744091.7, 10.5, 10.5, 0.0);
(387707.3, 3744141.7, 10.2, 10.2, 0.0); (387757.3, 3743841.7, 10.3, 10.3, 0.0);
(387757.3, 3743891.7, 10.1, 10.1, 0.0); (387757.3, 3743941.7, 10.4, 10.4, 0.0);
(387757.3, 3743991.7, 11.3, 11.3, 0.0); (387757.3, 3744041.7, 10.7, 10.7, 0.0);

```
     ( 387757.3, 3744091.7,      10.4,      10.4,       0.0);         ( 387757.3,
3744141.7,      10.0,      10.0,       0.0);
     ( 387862.1, 3744056.0,      10.8,      10.8,       0.0);         ( 387862.1,
3744106.0,      10.3,      10.3,       0.0);
     ( 387912.1, 3744056.0,      11.2,      11.2,       0.0);         ( 387912.1,
3744106.0,      10.7,      10.7,       0.0);
     ( 387962.1, 3744056.0,      11.1,      11.1,       0.0);         ( 387962.1,
3744106.0,      10.9,      10.9,       0.0);
     ( 388012.1, 3744056.0,      10.5,      10.5,       0.0);         ( 388012.1,
3744106.0,      10.2,      10.2,       0.0);
     ( 388062.1, 3744056.0,       9.8,       9.8,       0.0);         ( 388062.1,
3744106.0,       9.9,       9.9,       0.0);
     ( 387863.3, 3744015.4,      11.0,      11.0,       0.0);         ( 387913.3,
3744015.4,      11.1,      11.1,       0.0);
     ( 387963.3, 3744015.4,      11.1,      11.1,       0.0);         ( 388013.3,
3744015.4,      10.7,      10.7,       0.0);
     ( 388063.3, 3744015.4,       9.8,       9.8,       0.0);         ( 387826.2,
3744056.9,      10.7,      10.7,       0.0);
     ( 387826.2, 3744106.9,      10.7,      10.7,       0.0);         ( 387827.4,
3744016.3,      10.9,      10.9,       0.0);
     ( 387689.5, 3743645.8,      10.3,      10.3,       0.0);         ( 387689.5,
3743695.8,      10.1,      10.1,       0.0);
     ( 387689.5, 3743745.8,      10.1,      10.1,       0.0);         ( 387739.5,
3743645.8,      10.7,      10.7,       0.0);
     ( 387739.5, 3743695.8,      10.5,      10.5,       0.0);         ( 387739.5,
3743745.8,      10.2,      10.2,       0.0);
     ( 387789.5, 3743645.8,      10.6,      10.6,       0.0);         ( 387789.5,
3743695.8,      10.7,      10.7,       0.0);
     ( 387789.5, 3743745.8,      10.2,      10.2,       0.0);         ( 387839.5,
3743645.8,      10.5,      10.5,       0.0);
     ( 387839.5, 3743695.8,      10.7,      10.7,       0.0);         ( 387839.5,
3743745.8,      10.1,      10.1,       0.0);
     ( 387889.5, 3743645.8,      10.1,      10.1,       0.0);         ( 387889.5,
3743695.8,      10.3,      10.3,       0.0);
     ( 387889.5, 3743745.8,       9.9,       9.9,       0.0);         ( 387939.5,
3743695.8,       9.8,       9.8,       0.0);
     ( 387939.5, 3743745.8,       9.7,       9.7,       0.0);         ( 387989.5,
3743745.8,       9.6,      18.6,       0.0);
     ( 387692.6, 3743778.6,      10.0,      10.0,       0.0);         ( 387742.6,
3743778.6,      10.1,      10.1,       0.0);
     ( 387792.6, 3743778.6,      10.0,      10.0,       0.0);         ( 387842.6,
3743778.6,       9.8,       9.8,       0.0);
     ( 387892.6, 3743778.6,       9.6,       9.6,       0.0);         ( 387942.6,
3743778.6,       9.6,       9.6,       0.0);
     ( 387992.6, 3743778.6,       9.6,       9.6,       0.0);         ( 387654.5,
3743692.5,       9.8,       9.8,       0.0);
     ( 387654.5, 3743742.5,       9.9,       9.9,       0.0);         ( 387705.6,
3744244.9,      10.3,      10.3,       0.0);
     ( 387705.6, 3744294.9,      10.3,      10.3,       0.0);         ( 387755.6,
3744244.9,      10.2,      10.2,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(387755.6, 3744394.9, 10.8, 10.8, 0.0); (387805.6,
3744294.9, 10.0, 10.0, 0.0);
(387805.6, 3744344.9, 10.6, 10.6, 0.0); (387805.6,
3744394.9, 10.7, 10.7, 0.0);
(387805.6, 3744444.9, 10.8, 10.8, 0.0); (387805.6,
3744494.9, 10.7, 10.7, 0.0);
(387805.6, 3744544.9, 10.8, 10.8, 0.0); (387855.6,
3744444.9, 10.4, 10.4, 0.0);
(387855.6, 3744494.9, 10.5, 10.5, 0.0); (387855.6,
3744544.9, 10.4, 10.4, 0.0);
(387855.6, 3744594.9, 10.7, 10.7, 0.0); (387905.6,
3744544.9, 10.4, 10.4, 0.0);
(387905.6, 3744594.9, 10.9, 10.9, 0.0); (387905.6,
3744644.9, 11.5, 11.5, 0.0);
(387905.6, 3744694.9, 11.8, 11.8, 0.0); (387955.6,
3744644.9, 10.9, 10.9, 0.0);
(387463.3, 3744230.9, 10.5, 10.5, 0.0); (387463.3,
3744280.9, 10.3, 10.3, 0.0);
(387463.3, 3744330.9, 10.2, 10.2, 0.0); (387513.3,
3744230.9, 10.2, 10.2, 0.0);
(387513.3, 3744280.9, 10.5, 10.5, 0.0); (387513.3,
3744330.9, 10.5, 10.5, 0.0);
(387513.3, 3744380.9, 10.8, 10.8, 0.0); (387513.3,
3744430.9, 10.6, 10.6, 0.0);
(387513.3, 3744480.9, 10.0, 10.0, 0.0); (387563.3,
3744230.9, 10.4, 10.4, 0.0);
(387563.3, 3744280.9, 11.0, 11.0, 0.0); (387563.3,
3744330.9, 10.9, 10.9, 0.0);
(387563.3, 3744380.9, 10.8, 10.8, 0.0); (387563.3,
3744430.9, 10.9, 10.9, 0.0);
(387563.3, 3744480.9, 10.8, 10.8, 0.0); (387563.3,
3744530.9, 10.4, 10.4, 0.0);
(387563.3, 3744580.9, 10.3, 10.3, 0.0); (387563.3,
3744630.9, 10.5, 10.5, 0.0);
(387613.3, 3744230.9, 10.6, 10.6, 0.0); (387613.3,
3744280.9, 11.0, 11.0, 0.0);

```
     ( 387613.3, 3744330.9,      11.1,      11.1,       0.0);         ( 387613.3,
3744380.9,      11.1,      11.1,       0.0);
     ( 387613.3, 3744430.9,      10.8,      10.8,       0.0);         ( 387613.3,
3744480.9,      10.4,      10.4,       0.0);
     ( 387613.3, 3744530.9,      10.3,      10.3,       0.0);         ( 387613.3,
3744580.9,      10.4,      10.4,       0.0);
     ( 387613.3, 3744630.9,      10.6,      10.6,       0.0);         ( 387613.3,
3744680.9,      10.6,      10.6,       0.0);
     ( 387663.3, 3744330.9,      11.0,      11.0,       0.0);         ( 387663.3,
3744380.9,      11.0,      11.0,       0.0);
     ( 387663.3, 3744430.9,      10.8,      10.8,       0.0);         ( 387663.3,
3744480.9,      10.0,      10.0,       0.0);
     ( 387663.3, 3744530.9,      10.0,      10.0,       0.0);         ( 387663.3,
3744580.9,      10.2,      10.2,       0.0);
     ( 387663.3, 3744630.9,      10.3,      10.3,       0.0);         ( 387663.3,
3744680.9,      10.5,      10.5,       0.0);
     ( 387713.3, 3744480.9,      10.1,      10.1,       0.0);         ( 387713.3,
3744530.9,      10.0,      10.0,       0.0);
     ( 387713.3, 3744580.9,      10.3,      10.3,       0.0);         ( 387713.3,
3744630.9,      10.6,      10.6,       0.0);
     ( 387713.3, 3744680.9,      10.6,      10.6,       0.0);         ( 387763.3,
3744580.9,      10.9,      10.9,       0.0);
     ( 387763.3, 3744630.9,      10.9,      10.9,       0.0);         ( 387763.3,
3744680.9,      11.0,      11.0,       0.0);
     ( 387813.3, 3744680.9,      11.5,      11.5,       0.0);         ( 387465.0,
3744212.8,      10.2,      10.2,       0.0);
     ( 387515.0, 3744212.8,      10.1,      10.1,       0.0);         ( 387565.0,
3744212.8,      10.3,      10.3,       0.0);
     ( 387615.0, 3744212.8,      10.6,      10.6,       0.0);         ( 387436.0,
3744192.1,       9.8,       9.8,       0.0);
     ( 386969.0, 3743502.2,       8.8,      13.2,       0.0);         ( 386969.0,
3743552.2,       8.6,       8.6,       0.0);
     ( 386969.0, 3743602.2,       8.4,       8.4,       0.0);         ( 386969.0,
3743652.2,       8.3,       8.3,       0.0);
     ( 386969.0, 3743702.2,       8.4,       8.4,       0.0);         ( 386969.0,
3743752.2,       8.4,       8.4,       0.0);
     ( 386969.0, 3743802.2,       8.5,       8.5,       0.0);         ( 386969.0,
3743852.2,       8.6,       8.6,       0.0);
     ( 386969.0, 3743902.2,       8.7,       8.7,       0.0);         ( 386969.0,
3743952.2,       8.8,       8.8,       0.0);
     ( 386969.0, 3744002.2,       8.9,       8.9,       0.0);         ( 386969.0,
3744052.2,       9.0,       9.0,       0.0);
     ( 386969.0, 3744102.2,       9.2,       9.2,       0.0);         ( 386969.0,
3744152.2,       9.3,       9.3,       0.0);
     ( 387019.0, 3743502.2,       8.8,      14.0,       0.0);         ( 387019.0,
3743552.2,       8.8,       8.8,       0.0);
     ( 387019.0, 3743602.2,       8.6,       8.6,       0.0);         ( 387019.0,
3743652.2,       8.6,       8.6,       0.0);
     ( 387019.0, 3743702.2,       8.8,       8.8,       0.0);         ( 387019.0,
3743752.2,       8.6,       8.6,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(387019.0, 3744002.2, 9.0, 9.0, 0.0); (387019.0, 3744052.2, 9.1, 9.1, 0.0);
(387019.0, 3744102.2, 9.2, 9.2, 0.0); (387019.0, 3744152.2, 9.4, 9.4, 0.0);
(387069.0, 3743502.2, 8.9, 15.9, 0.0); (387069.0, 3743552.2, 8.7, 8.7, 0.0);
(387069.0, 3743602.2, 8.6, 8.6, 0.0); (387069.0, 3743652.2, 8.7, 8.7, 0.0);
(387069.0, 3743702.2, 8.7, 8.7, 0.0); (387069.0, 3743752.2, 8.6, 8.6, 0.0);
(387069.0, 3743802.2, 8.7, 8.7, 0.0); (387069.0, 3743852.2, 8.7, 8.7, 0.0);
(387069.0, 3743902.2, 8.9, 8.9, 0.0); (387069.0, 3743952.2, 9.1, 9.1, 0.0);
(387069.0, 3744002.2, 9.1, 9.1, 0.0); (387069.0, 3744052.2, 9.1, 9.1, 0.0);
(387069.0, 3744102.2, 9.2, 9.2, 0.0); (387069.0, 3744152.2, 9.3, 9.3, 0.0);
(387119.0, 3743502.2, 9.7, 16.6, 0.0); (387119.0, 3743552.2, 9.0, 9.0, 0.0);
(387119.0, 3743602.2, 8.7, 8.7, 0.0); (387119.0, 3743652.2, 8.9, 8.9, 0.0);
(387119.0, 3743702.2, 8.8, 8.8, 0.0); (387119.0, 3743752.2, 8.7, 8.7, 0.0);
(387119.0, 3743802.2, 8.7, 8.7, 0.0); (387119.0, 3743852.2, 8.7, 8.7, 0.0);
(387119.0, 3743902.2, 8.9, 8.9, 0.0); (387119.0, 3743952.2, 9.1, 9.1, 0.0);
(387119.0, 3744002.2, 9.1, 9.1, 0.0); (387119.0, 3744052.2, 9.2, 9.2, 0.0);
(387119.0, 3744102.2, 9.2, 9.2, 0.0); (387119.0, 3744152.2, 9.4, 9.4, 0.0);
(387169.0, 3743502.2, 9.7, 17.3, 0.0); (387169.0, 3743552.2, 8.9, 8.9, 0.0);

```
     ( 387169.0, 3743602.2,       8.9,       8.9,       0.0);         ( 387169.0,
3743652.2,       8.9,       8.9,       0.0);
     ( 387169.0, 3743702.2,       8.8,       8.8,       0.0);         ( 387169.0,
3743752.2,       8.7,       8.7,       0.0);
     ( 387169.0, 3743802.2,       8.8,       8.8,       0.0);         ( 387169.0,
3743852.2,       8.7,       8.7,       0.0);
     ( 387169.0, 3743902.2,       8.9,       8.9,       0.0);         ( 387169.0,
3743952.2,       9.1,       9.1,       0.0);
     ( 387169.0, 3744002.2,       9.1,       9.1,       0.0);         ( 387169.0,
3744052.2,       9.2,       9.2,       0.0);
     ( 387169.0, 3744102.2,       9.4,       9.4,       0.0);         ( 387169.0,
3744152.2,       9.5,       9.5,       0.0);
     ( 387219.0, 3743502.2,       9.7,      18.1,       0.0);         ( 387219.0,
3743552.2,       8.7,       8.7,       0.0);
     ( 387219.0, 3743602.2,       9.0,       9.0,       0.0);         ( 387219.0,
3743652.2,       8.9,       8.9,       0.0);
     ( 387219.0, 3743702.2,       8.8,       8.8,       0.0);         ( 387219.0,
3743752.2,       8.7,       8.7,       0.0);
     ( 387219.0, 3743802.2,       8.8,       8.8,       0.0);         ( 387219.0,
3743852.2,       8.8,       8.8,       0.0);
     ( 387219.0, 3743902.2,       8.9,       8.9,       0.0);         ( 387219.0,
3743952.2,       9.1,       9.1,       0.0);
     ( 387219.0, 3744002.2,       9.2,       9.2,       0.0);         ( 387219.0,
3744052.2,       9.2,       9.2,       0.0);
     ( 387219.0, 3744102.2,       9.5,       9.5,       0.0);         ( 387219.0,
3744152.2,       9.5,       9.5,       0.0);
     ( 387269.0, 3743502.2,       9.7,      18.1,       0.0);         ( 387269.0,
3743552.2,       8.3,       8.3,       0.0);
     ( 387269.0, 3743602.2,       8.7,       8.7,       0.0);         ( 387269.0,
3743652.2,       8.8,       8.8,       0.0);
     ( 387269.0, 3743702.2,       8.8,       8.8,       0.0);         ( 387269.0,
3743752.2,       8.8,       8.8,       0.0);
     ( 387269.0, 3743802.2,       8.8,       8.8,       0.0);         ( 387269.0,
3743852.2,       8.8,       8.8,       0.0);
     ( 387269.0, 3743902.2,       8.9,       8.9,       0.0);         ( 387269.0,
3743952.2,       9.1,       9.1,       0.0);
     ( 387269.0, 3744002.2,       9.2,       9.2,       0.0);         ( 387269.0,
3744052.2,       9.3,       9.3,       0.0);
     ( 387269.0, 3744102.2,       9.5,       9.5,       0.0);         ( 387269.0,
3744152.2,       9.5,       9.5,       0.0);
     ( 387319.0, 3743552.2,       8.9,       8.9,       0.0);         ( 387319.0,
3743602.2,       8.6,       8.6,       0.0);
     ( 387319.0, 3743652.2,       8.4,       8.4,       0.0);         ( 387319.0,
3743702.2,       8.7,       8.7,       0.0);
     ( 387319.0, 3743752.2,       8.9,       8.9,       0.0);         ( 387319.0,
3743802.2,       8.9,       8.9,       0.0);
     ( 387319.0, 3743852.2,       8.8,       8.8,       0.0);         ( 387319.0,
3743902.2,       8.9,       8.9,       0.0);
     ( 387319.0, 3743952.2,       9.0,       9.0,       0.0);         ( 387319.0,
3744002.2,       9.2,       9.2,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(387369.0, 3743802.2, 9.0, 9.0, 0.0); (387369.0, 3743852.2, 8.8, 8.8, 0.0);
(387369.0, 3743902.2, 8.9, 8.9, 0.0); (387369.0, 3743952.2, 9.0, 9.0, 0.0);
(387369.0, 3744002.2, 9.1, 9.1, 0.0); (387357.3, 3743511.8, 9.8, 18.5, 0.0);
(387407.3, 3743561.8, 8.9, 8.9, 0.0); (387407.3, 3743611.8, 9.0, 9.0, 0.0);
(387453.9, 3743868.5, 9.2, 9.2, 0.0); (387453.9, 3743918.5, 9.1, 9.1, 0.0);
(387453.9, 3743968.5, 9.0, 9.0, 0.0); (387453.9, 3744018.5, 8.9, 8.9, 0.0);
(387453.9, 3744068.5, 9.2, 9.2, 0.0); (387503.9, 3743968.5, 9.6, 9.6, 0.0);
(387503.9, 3744018.5, 9.1, 9.1, 0.0); (387503.9, 3744068.5, 9.1, 9.1, 0.0);
(387503.9, 3744118.5, 9.2, 9.2, 0.0); (387553.9, 3744068.5, 10.2, 10.2, 0.0);
(387553.9, 3744118.5, 9.7, 9.7, 0.0); (387015.3, 3744263.5, 9.3, 9.3, 0.0);
(387015.3, 3744313.5, 9.3, 9.3, 0.0); (387015.3, 3744363.5, 9.5, 9.5, 0.0);
(387015.3, 3744413.5, 9.5, 9.5, 0.0); (387015.3, 3744463.5, 9.6, 9.6, 0.0);
(387015.3, 3744513.5, 9.6, 9.6, 0.0); (387015.3, 3744563.5, 9.7, 9.7, 0.0);
(387015.3, 3744613.5, 9.6, 9.6, 0.0); (387015.3, 3744663.5, 9.7, 9.7, 0.0);
(387015.3, 3744713.5, 9.8, 9.8, 0.0); (387015.3, 3744763.5, 9.8, 9.8, 0.0);
(387015.3, 3744813.5, 9.9, 9.9, 0.0); (387015.3, 3744863.5, 10.0, 10.0, 0.0);

```
     ( 387065.3, 3744263.5,       9.4,       9.4,       0.0);         ( 387065.3,
3744313.5,       9.4,       9.4,       0.0);
     ( 387065.3, 3744363.5,       9.5,       9.5,       0.0);         ( 387065.3,
3744413.5,       9.5,       9.5,       0.0);
     ( 387065.3, 3744463.5,       9.7,       9.7,       0.0);         ( 387065.3,
3744513.5,       9.6,       9.6,       0.0);
     ( 387065.3, 3744563.5,       9.7,       9.7,       0.0);         ( 387065.3,
3744613.5,       9.7,       9.7,       0.0);
     ( 387065.3, 3744663.5,       9.7,       9.7,       0.0);         ( 387065.3,
3744713.5,       9.8,       9.8,       0.0);
     ( 387065.3, 3744763.5,       9.9,       9.9,       0.0);         ( 387065.3,
3744813.5,       9.9,       9.9,       0.0);
     ( 387065.3, 3744863.5,      10.1,      10.1,       0.0);         ( 387115.3,
3744263.5,       9.5,       9.5,       0.0);
     ( 387115.3, 3744313.5,       9.5,       9.5,       0.0);         ( 387115.3,
3744363.5,       9.5,       9.5,       0.0);
     ( 387115.3, 3744413.5,       9.5,       9.5,       0.0);         ( 387115.3,
3744463.5,       9.6,       9.6,       0.0);
     ( 387115.3, 3744513.5,       9.7,       9.7,       0.0);         ( 387115.3,
3744563.5,       9.7,       9.7,       0.0);
     ( 387115.3, 3744613.5,       9.8,       9.8,       0.0);         ( 387115.3,
3744663.5,       9.8,       9.8,       0.0);
     ( 387115.3, 3744713.5,       9.9,       9.9,       0.0);         ( 387115.3,
3744763.5,       9.9,       9.9,       0.0);
     ( 387115.3, 3744813.5,       9.9,       9.9,       0.0);         ( 387115.3,
3744863.5,      10.1,      10.1,       0.0);
     ( 387165.3, 3744263.5,       9.5,       9.5,       0.0);         ( 387165.3,
3744313.5,       9.5,       9.5,       0.0);
     ( 387165.3, 3744363.5,       9.5,       9.5,       0.0);         ( 387165.3,
3744413.5,       9.5,       9.5,       0.0);
     ( 387165.3, 3744463.5,       9.6,       9.6,       0.0);         ( 387165.3,
3744513.5,       9.7,       9.7,       0.0);
     ( 387165.3, 3744563.5,       9.8,       9.8,       0.0);         ( 387165.3,
3744613.5,       9.9,       9.9,       0.0);
     ( 387165.3, 3744663.5,       9.9,       9.9,       0.0);         ( 387165.3,
3744713.5,      10.0,      10.0,       0.0);
     ( 387165.3, 3744763.5,      10.0,      10.0,       0.0);         ( 387165.3,
3744813.5,      10.0,      10.0,       0.0);
     ( 387165.3, 3744863.5,      10.1,      10.1,       0.0);         ( 387215.3,
3744263.5,       9.5,       9.5,       0.0);
     ( 387215.3, 3744313.5,       9.6,       9.6,       0.0);         ( 387215.3,
3744363.5,       9.6,       9.6,       0.0);
     ( 387215.3, 3744413.5,       9.6,       9.6,       0.0);         ( 387215.3,
3744463.5,       9.6,       9.6,       0.0);
     ( 387215.3, 3744513.5,       9.6,       9.6,       0.0);         ( 387215.3,
3744563.5,       9.7,       9.7,       0.0);
     ( 387215.3, 3744613.5,       9.9,       9.9,       0.0);         ( 387215.3,
3744663.5,       9.9,       9.9,       0.0);
     ( 387215.3, 3744713.5,      10.0,      10.0,       0.0);         ( 387215.3,
3744763.5,      10.0,      10.0,       0.0);
```

(387215.3, 3744813.5, 10.0, 10.0, 0.0); (387215.3, 3744863.5, 10.0, 10.0, 0.0);
(387265.3, 3744263.5, 9.5, 9.5, 0.0); (387265.3, 3744313.5, 9.6, 9.6, 0.0);
(387265.3, 3744363.5, 9.6, 9.6, 0.0); (387265.3, 3744413.5, 9.6, 9.6, 0.0);
(387265.3, 3744463.5, 9.7, 9.7, 0.0); (387265.3, 3744513.5, 9.7, 9.7, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(387265.3, 3744563.5, 9.7, 9.7, 0.0); (387265.3, 3744613.5, 9.8, 9.8, 0.0);
(387265.3, 3744663.5, 9.8, 9.8, 0.0); (387265.3, 3744713.5, 9.9, 9.9, 0.0);
(387265.3, 3744763.5, 9.9, 9.9, 0.0); (387265.3, 3744813.5, 9.9, 9.9, 0.0);
(387265.3, 3744863.5, 10.0, 10.0, 0.0); (387315.3, 3744263.5, 9.6, 9.6, 0.0);
(387315.3, 3744313.5, 9.6, 9.6, 0.0); (387315.3, 3744363.5, 9.7, 9.7, 0.0);
(387315.3, 3744413.5, 9.7, 9.7, 0.0); (387315.3, 3744463.5, 9.7, 9.7, 0.0);
(387315.3, 3744513.5, 9.8, 9.8, 0.0); (387315.3, 3744563.5, 9.8, 9.8, 0.0);
(387315.3, 3744613.5, 9.9, 9.9, 0.0); (387315.3, 3744663.5, 9.9, 9.9, 0.0);
(387315.3, 3744713.5, 10.1, 10.1, 0.0); (387315.3, 3744763.5, 10.1, 10.1, 0.0);
(387315.3, 3744813.5, 10.1, 10.1, 0.0); (387315.3, 3744863.5, 10.2, 10.2, 0.0);
(387365.3, 3744263.5, 9.7, 9.7, 0.0); (387365.3, 3744313.5, 9.7, 9.7, 0.0);
(387365.3, 3744363.5, 9.8, 9.8, 0.0); (387365.3, 3744413.5, 9.7, 9.7, 0.0);
(387365.3, 3744463.5, 9.8, 9.8, 0.0); (387365.3, 3744513.5, 9.8, 9.8, 0.0);
(387365.3, 3744563.5, 9.9, 9.9, 0.0); (387365.3, 3744613.5, 10.1, 10.1, 0.0);
(387365.3, 3744663.5, 10.0, 10.0, 0.0); (387365.3, 3744713.5, 10.1, 10.1, 0.0);

```
     ( 387365.3, 3744763.5,      10.1,      10.1,       0.0);         ( 387365.3,
3744813.5,      10.2,      10.2,       0.0);
     ( 387365.3, 3744863.5,      10.2,      10.2,       0.0);         ( 387415.3,
3744313.5,       9.7,       9.7,       0.0);
     ( 387415.3, 3744363.5,       9.8,       9.8,       0.0);         ( 387415.3,
3744413.5,       9.8,       9.8,       0.0);
     ( 387415.3, 3744463.5,       9.9,       9.9,       0.0);         ( 387415.3,
3744513.5,       9.8,       9.8,       0.0);
     ( 387415.3, 3744563.5,       9.9,       9.9,       0.0);         ( 387415.3,
3744613.5,      10.1,      10.1,       0.0);
     ( 387415.3, 3744663.5,      10.1,      10.1,       0.0);         ( 387415.3,
3744713.5,      10.2,      10.2,       0.0);
     ( 387415.3, 3744763.5,      10.2,      10.2,       0.0);         ( 387415.3,
3744813.5,      10.3,      10.3,       0.0);
     ( 387415.3, 3744863.5,      10.4,      10.4,       0.0);         ( 387465.3,
3744513.5,       9.9,       9.9,       0.0);
     ( 387465.3, 3744563.5,       9.9,       9.9,       0.0);         ( 387465.3,
3744613.5,      10.1,      10.1,       0.0);
     ( 387465.3, 3744663.5,      10.1,      10.1,       0.0);         ( 387465.3,
3744713.5,      10.3,      10.3,       0.0);
     ( 387465.3, 3744763.5,      10.3,      10.3,       0.0);         ( 387465.3,
3744813.5,      10.3,      10.3,       0.0);
     ( 387465.3, 3744863.5,      10.5,      10.5,       0.0);         ( 387515.3,
3744663.5,      10.1,      10.1,       0.0);
     ( 387515.3, 3744713.5,      10.3,      10.3,       0.0);         ( 387515.3,
3744763.5,      10.3,      10.3,       0.0);
     ( 387515.3, 3744813.5,      10.4,      10.4,       0.0);         ( 387515.3,
3744863.5,      10.5,      10.5,       0.0);
     ( 387565.3, 3744813.5,      10.4,      10.4,       0.0);         ( 387565.3,
3744863.5,      10.6,      10.6,       0.0);
     ( 387524.4, 3742913.4,       8.6,       8.6,       0.0);         ( 387574.4,
3742963.4,       8.7,       8.7,       0.0);
     ( 387574.4, 3743013.4,       8.7,       8.7,       0.0);         ( 387624.4,
3742963.4,       8.8,       8.8,       0.0);
     ( 387624.4, 3743013.4,       8.9,       8.9,       0.0);         ( 387624.4,
3743063.4,       8.8,       8.8,       0.0);
     ( 387674.4, 3742963.4,       8.7,       8.7,       0.0);         ( 387674.4,
3743013.4,       8.8,       8.8,       0.0);
     ( 387674.4, 3743063.4,       8.9,       8.9,       0.0);         ( 387674.4,
3743113.4,       9.0,       9.0,       0.0);
     ( 387724.4, 3742963.4,       8.8,       8.8,       0.0);         ( 387724.4,
3743013.4,       8.8,       8.8,       0.0);
     ( 387724.4, 3743063.4,       9.0,       9.0,       0.0);         ( 387724.4,
3743113.4,       9.0,       9.0,       0.0);
     ( 387774.4, 3742963.4,       8.8,       8.8,       0.0);         ( 387774.4,
3743013.4,       8.9,       8.9,       0.0);
     ( 387774.4, 3743063.4,       9.0,       9.0,       0.0);         ( 387774.4,
3743113.4,       9.0,       9.0,       0.0);
     ( 387774.4, 3743163.4,       9.0,       9.0,       0.0);         ( 387824.4,
3742963.4,       8.9,       8.9,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 387824.4, 3743013.4,       8.9,       8.9,       0.0);         ( 387824.4,
3743063.4,       9.0,       9.0,       0.0);
     ( 387824.4, 3743113.4,       9.1,       9.1,       0.0);         ( 387824.4,
3743163.4,       9.1,       9.1,       0.0);
     ( 387824.4, 3743213.4,       9.1,       9.1,       0.0);         ( 387874.4,
3742963.4,       8.9,       8.9,       0.0);
     ( 387874.4, 3743013.4,       8.9,       8.9,       0.0);         ( 387874.4,
3743063.4,       9.0,       9.0,       0.0);
     ( 387874.4, 3743113.4,       9.0,       9.0,       0.0);         ( 387874.4,
3743163.4,       9.0,       9.0,       0.0);
     ( 387874.4, 3743213.4,       9.2,       9.2,       0.0);         ( 387874.4,
3743263.4,       9.2,       9.2,       0.0);
     ( 387924.4, 3742963.4,       8.8,       8.8,       0.0);         ( 387924.4,
3743013.4,       8.8,       8.8,       0.0);
     ( 387924.4, 3743063.4,       8.9,       8.9,       0.0);         ( 387924.4,
3743113.4,       8.9,       8.9,       0.0);
     ( 387924.4, 3743163.4,       8.9,       8.9,       0.0);         ( 387924.4,
3743213.4,       9.0,       9.0,       0.0);
     ( 387924.4, 3743263.4,       9.1,       9.1,       0.0);         ( 387924.4,
3743313.4,       9.3,       9.3,       0.0);
     ( 387974.4, 3742963.4,       8.8,       8.8,       0.0);         ( 387974.4,
3743013.4,       8.9,       8.9,       0.0);
     ( 387974.4, 3743063.4,       8.9,       8.9,       0.0);         ( 387974.4,
3743113.4,       9.0,       9.0,       0.0);
     ( 387974.4, 3743163.4,       9.0,       9.0,       0.0);         ( 387974.4,
3743213.4,       9.1,       9.1,       0.0);
     ( 387974.4, 3743263.4,       9.2,       9.2,       0.0);         ( 387974.4,
3743313.4,       9.3,       9.3,       0.0);
     ( 387974.4, 3743363.4,       9.5,       9.5,       0.0);         ( 388024.4,
3742963.4,       9.0,       9.0,       0.0);
     ( 388024.4, 3743013.4,       9.0,       9.0,       0.0);         ( 388024.4,
3743063.4,       9.1,       9.1,       0.0);
     ( 388024.4, 3743113.4,       8.9,       8.9,       0.0);         ( 388024.4,
3743163.4,       9.0,       9.0,       0.0);
     ( 388024.4, 3743213.4,       9.3,       9.3,       0.0);         ( 388024.4,
3743263.4,       9.3,       9.3,       0.0);
     ( 388024.4, 3743313.4,       9.5,       9.5,       0.0);         ( 388024.4,
3743363.4,       9.5,       9.5,       0.0);
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```
     ( 388024.4, 3743413.4,       9.6,       9.6,       0.0);         ( 388074.4,
3742963.4,       8.9,       8.9,       0.0);
     ( 388074.4, 3743013.4,       9.0,       9.0,       0.0);         ( 388074.4,
3743063.4,       8.9,       8.9,       0.0);
     ( 388074.4, 3743113.4,       8.9,       8.9,       0.0);         ( 388074.4,
3743163.4,       9.3,       9.3,       0.0);
     ( 388074.4, 3743213.4,       9.4,       9.4,       0.0);         ( 388074.4,
3743263.4,       9.4,       9.4,       0.0);
     ( 388074.4, 3743313.4,       9.5,       9.5,       0.0);         ( 388074.4,
3743363.4,       9.8,       9.8,       0.0);
     ( 388074.4, 3743413.4,       9.7,       9.7,       0.0);         ( 388074.4,
3743463.4,      10.0,      10.0,       0.0);
     ( 388124.4, 3742963.4,       8.9,       8.9,       0.0);         ( 388124.4,
3743013.4,       8.9,       8.9,       0.0);
     ( 388124.4, 3743063.4,       8.8,       8.8,       0.0);         ( 388124.4,
3743113.4,       9.6,       9.6,       0.0);
     ( 388124.4, 3743163.4,       9.6,       9.6,       0.0);         ( 388124.4,
3743213.4,       9.4,       9.4,       0.0);
     ( 388124.4, 3743263.4,       9.6,       9.6,       0.0);         ( 388124.4,
3743313.4,       9.8,       9.8,       0.0);
     ( 388124.4, 3743363.4,       9.6,       9.6,       0.0);         ( 388124.4,
3743413.4,       9.8,       9.8,       0.0);
     ( 388174.4, 3742963.4,       9.2,       9.2,       0.0);         ( 388174.4,
3743013.4,       9.9,       9.9,       0.0);
     ( 388174.4, 3743063.4,       9.7,       9.7,       0.0);         ( 388174.4,
3743113.4,      10.8,      10.8,       0.0);
     ( 388174.4, 3743163.4,       9.4,       9.4,       0.0);         ( 388174.4,
3743213.4,       9.4,       9.4,       0.0);
     ( 388174.4, 3743263.4,       9.7,       9.7,       0.0);         ( 388174.4,
3743313.4,       9.7,       9.7,       0.0);
     ( 388174.4, 3743363.4,       9.9,       9.9,       0.0);         ( 388174.4,
3743413.4,      10.5,      10.5,       0.0);
     ( 388224.4, 3742963.4,       9.7,       9.7,       0.0);         ( 388224.4,
3743013.4,      10.3,      10.3,       0.0);
     ( 388224.4, 3743063.4,      13.1,      13.1,       0.0);         ( 388224.4,
3743113.4,       9.7,       9.7,       0.0);
     ( 388224.4, 3743163.4,       9.2,       9.2,       0.0);         ( 388224.4,
3743213.4,       9.5,       9.5,       0.0);
     ( 388224.4, 3743263.4,       9.9,       9.9,       0.0);         ( 388224.4,
3743313.4,      10.2,      12.6,       0.0);
     ( 388224.4, 3743363.4,       9.9,       9.9,       0.0);         ( 388274.4,
3742963.4,       9.2,       9.2,       0.0);
     ( 388274.4, 3743013.4,      10.0,      10.0,       0.0);         ( 387475.7,
3743311.0,       9.1,       9.1,       0.0);
     ( 387490.7, 3743311.0,       8.9,       8.9,       0.0);         ( 387451.1,
3743316.2,       8.9,       8.9,       0.0);
     ( 387379.9, 3743317.1,       8.8,       8.8,       0.0);         ( 387399.9,
3743317.1,       8.8,       8.8,       0.0);
     ( 387419.9, 3743317.1,       8.8,       8.8,       0.0);         ( 387439.9,
3743317.1,       8.8,       8.8,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(387069.2, 3743172.3, 8.1, 8.1, 0.0); (387069.2, 3743222.3, 8.3, 8.3, 0.0);
(387069.2, 3743272.3, 8.2, 8.2, 0.0); (387069.2, 3743322.3, 8.2, 8.2, 0.0);
(387119.2, 3742972.3, 8.3, 8.3, 0.0); (387119.2, 3743022.3, 8.7, 8.7, 0.0);
(387119.2, 3743072.3, 8.4, 8.4, 0.0); (387119.2, 3743122.3, 8.2, 8.2, 0.0);
(387119.2, 3743172.3, 8.1, 8.1, 0.0); (387119.2, 3743222.3, 8.4, 8.4, 0.0);
(387119.2, 3743272.3, 8.4, 8.4, 0.0); (387119.2, 3743322.3, 8.3, 8.3, 0.0);
(387169.2, 3742972.3, 8.3, 8.3, 0.0); (387169.2, 3743022.3, 8.4, 8.4, 0.0);
(387169.2, 3743072.3, 8.3, 8.3, 0.0); (387169.2, 3743122.3, 8.6, 8.6, 0.0);
(387169.2, 3743172.3, 8.4, 8.4, 0.0); (387169.2, 3743222.3, 8.4, 8.4, 0.0);
(387169.2, 3743272.3, 8.4, 8.4, 0.0); (387169.2, 3743322.3, 8.4, 8.4, 0.0);
(387219.2, 3742972.3, 8.4, 8.4, 0.0); (387219.2, 3743022.3, 8.5, 8.5, 0.0);
(387219.2, 3743072.3, 8.4, 8.4, 0.0); (387219.2, 3743122.3, 8.4, 8.4, 0.0);
(387219.2, 3743172.3, 8.2, 8.2, 0.0); (387219.2, 3743222.3, 8.4, 8.4, 0.0);

```
     ( 387219.2, 3743272.3,       8.4,       8.4,       0.0);         ( 387219.2,
3743322.3,       8.4,       8.4,       0.0);
     ( 387269.2, 3742972.3,       8.5,       8.5,       0.0);         ( 387269.2,
3743022.3,       8.6,       8.6,       0.0);
     ( 387269.2, 3743072.3,       8.5,       8.5,       0.0);         ( 387269.2,
3743122.3,       8.6,       8.6,       0.0);
     ( 387269.2, 3743172.3,       8.4,       8.4,       0.0);         ( 387269.2,
3743222.3,       8.5,       8.5,       0.0);
     ( 387269.2, 3743272.3,       8.6,       8.6,       0.0);         ( 387269.2,
3743322.3,       8.6,       8.6,       0.0);
     ( 387319.2, 3742972.3,       8.6,       8.6,       0.0);         ( 387319.2,
3743022.3,       8.6,       8.6,       0.0);
     ( 387319.2, 3743072.3,       8.6,       8.6,       0.0);         ( 387319.2,
3743122.3,       8.6,       8.6,       0.0);
     ( 387319.2, 3743172.3,       8.5,       8.5,       0.0);         ( 387319.2,
3743222.3,       8.6,       8.6,       0.0);
     ( 387319.2, 3743272.3,       8.6,       8.6,       0.0);         ( 387319.2,
3743322.3,       8.6,       8.6,       0.0);
     ( 387369.2, 3742972.3,       8.5,       8.5,       0.0);         ( 387369.2,
3743022.3,       8.8,       8.8,       0.0);
     ( 387369.2, 3743072.3,       8.7,       8.7,       0.0);         ( 387369.2,
3743122.3,       8.7,       8.7,       0.0);
     ( 387369.2, 3743172.3,       8.6,       8.6,       0.0);         ( 387369.2,
3743222.3,       8.7,       8.7,       0.0);
     ( 387369.2, 3743272.3,       8.7,       8.7,       0.0);         ( 387419.2,
3742972.3,       8.7,       8.7,       0.0);
     ( 387419.2, 3743022.3,       8.9,       8.9,       0.0);         ( 387419.2,
3743072.3,       8.8,       8.8,       0.0);
     ( 387419.2, 3743122.3,       8.7,       8.7,       0.0);         ( 387419.2,
3743172.3,       8.6,       8.6,       0.0);
     ( 387419.2, 3743222.3,       8.7,       8.7,       0.0);         ( 387419.2,
3743272.3,       8.7,       8.7,       0.0);
     ( 387469.2, 3743072.3,       8.8,       8.8,       0.0);         ( 387469.2,
3743122.3,       9.0,       9.0,       0.0);
     ( 387469.2, 3743172.3,       8.8,       8.8,       0.0);         ( 387469.2,
3743222.3,       8.8,       8.8,       0.0);
     ( 387469.2, 3743272.3,       8.8,       8.8,       0.0);         ( 387578.4,
3743390.4,       9.3,       9.3,       0.0);
     ( 387608.4, 3743390.4,       9.1,       9.1,       0.0);         ( 387638.4,
3743390.4,       9.4,       9.4,       0.0);
     ( 387369.9, 3743365.2,       9.1,      18.5,       0.0);         ( 387399.9,
3743365.2,       9.0,      18.5,       0.0);
     ( 387429.9, 3743365.2,       8.8,      18.3,       0.0);         ( 387459.9,
3743365.2,       8.8,      17.4,       0.0);
     ( 387489.9, 3743365.2,       8.7,       8.7,       0.0);         ( 387489.9,
3743395.2,       9.3,      17.4,       0.0);
     ( 388754.5, 3743939.2,      21.7,      23.0,       0.0);         ( 388754.5,
3743989.2,      21.8,      21.8,       0.0);
     ( 388754.5, 3744039.2,      19.5,      24.0,       0.0);         ( 388754.5,
3744089.2,      12.6,      25.5,       0.0);
```

(388754.5, 3744139.2, 10.9, 27.8, 0.0); (388754.5, 3744189.2, 10.9, 28.2, 0.0);
(388804.5, 3743889.2, 23.2, 23.2, 0.0); (388804.5, 3743939.2, 24.0, 24.0, 0.0);
(388804.5, 3743989.2, 24.2, 24.2, 0.0); (388804.5, 3744039.2, 24.3, 24.3, 0.0);
(388804.5, 3744089.2, 21.7, 24.7, 0.0); (388804.5, 3744139.2, 12.2, 31.0, 0.0);
(388804.5, 3744189.2, 11.2, 31.9, 0.0); (388804.5, 3744239.2, 11.1, 32.0, 0.0);
(388804.5, 3744289.2, 11.1, 32.0, 0.0); (388854.5, 3743889.2, 24.0, 24.0, 0.0);
(388854.5, 3743939.2, 24.8, 24.8, 0.0); (388854.5, 3743989.2, 25.0, 25.0, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(388854.5, 3744039.2, 25.2, 25.2, 0.0); (388854.5, 3744089.2, 25.1, 25.1, 0.0);
(388854.5, 3744139.2, 17.7, 30.4, 0.0); (388854.5, 3744189.2, 11.7, 32.3, 0.0);
(388854.5, 3744239.2, 11.5, 32.3, 0.0); (388854.5, 3744289.2, 11.3, 32.3, 0.0);
(388854.5, 3744339.2, 10.9, 32.3, 0.0); (388904.5, 3743889.2, 24.7, 24.7, 0.0);
(388904.5, 3743939.2, 25.3, 25.3, 0.0); (388904.5, 3743989.2, 25.7, 25.7, 0.0);
(388904.5, 3744039.2, 25.9, 25.9, 0.0); (388904.5, 3744089.2, 26.2, 26.2, 0.0);
(388904.5, 3744139.2, 26.2, 26.2, 0.0); (388904.5, 3744189.2, 21.3, 31.6, 0.0);
(388904.5, 3744239.2, 17.4, 32.3, 0.0); (388904.5, 3744289.2, 15.2, 32.3, 0.0);
(388904.5, 3744339.2, 11.1, 32.3, 0.0); (388904.5, 3744389.2, 11.0, 32.3, 0.0);
(388904.5, 3744439.2, 10.7, 32.3, 0.0); (388954.5, 3743939.2, 25.9, 25.9, 0.0);
(388954.5, 3743989.2, 26.7, 26.7, 0.0); (388954.5, 3744039.2, 27.3, 27.3, 0.0);
(388954.5, 3744089.2, 27.8, 27.8, 0.0); (388954.5, 3744139.2, 28.3, 28.3, 0.0);

```
    ( 388882.8, 3743722.0,      22.8,      22.8,       0.0);         ( 388882.8,
3743772.0,      23.7,      23.7,       0.0);
    ( 388932.8, 3743722.0,      24.3,      24.3,       0.0);         ( 388932.8,
3743772.0,      24.6,      24.6,       0.0);
    ( 388932.8, 3743822.0,      25.0,      25.0,       0.0);         ( 387765.0,
3743382.8,       9.3,       9.3,       0.0);
    ( 387815.0, 3743382.8,       9.5,       9.5,       0.0);         ( 387815.0,
3743432.8,      11.2,      15.0,       0.0);
    ( 387865.0, 3743382.8,       9.7,       9.7,       0.0);         ( 387865.0,
3743432.8,      11.1,      17.4,       0.0);
    ( 387915.0, 3743382.8,       9.9,       9.9,       0.0);         ( 387915.0,
3743432.8,      10.7,      18.0,       0.0);
    ( 387965.0, 3743432.8,      10.5,      17.3,       0.0);         ( 387713.4,
3743372.7,       9.2,       9.2,       0.0);
    ( 387763.4, 3743422.7,      10.4,      10.4,       0.0);         ( 387583.3,
3743113.6,       9.1,       9.1,       0.0);
    ( 387583.3, 3743163.6,       9.0,       9.0,       0.0);         ( 387583.3,
3743213.6,       9.0,       9.0,       0.0);
    ( 387583.3, 3743263.6,       8.9,       8.9,       0.0);         ( 387633.3,
3743163.6,       9.1,       9.1,       0.0);
    ( 387633.3, 3743213.6,       9.0,       9.0,       0.0);         ( 387633.3,
3743263.6,       9.0,       9.0,       0.0);
    ( 387633.3, 3743313.6,       9.0,       9.0,       0.0);         ( 387683.3,
3743263.6,       9.1,       9.1,       0.0);
    ( 387683.3, 3743313.6,       9.0,       9.0,       0.0);         ( 388242.5,
3743969.3,      10.2,      10.2,       0.0);
    ( 388242.5, 3744019.3,      10.4,      10.4,       0.0);         ( 388242.5,
3744069.3,      10.4,      10.4,       0.0);
    ( 388242.5, 3744119.3,      10.7,      10.7,       0.0);         ( 388242.5,
3744169.3,      10.6,      10.6,       0.0);
    ( 388242.5, 3744219.3,      10.5,      10.5,       0.0);         ( 388242.5,
3744269.3,      11.3,      11.3,       0.0);
    ( 388242.5, 3744319.3,      11.6,      11.6,       0.0);         ( 388242.5,
3744369.3,      11.5,      11.5,       0.0);
    ( 388242.5, 3744419.3,      11.5,      11.5,       0.0);         ( 388242.5,
3744469.3,      11.5,      11.5,       0.0);
    ( 388292.5, 3743969.3,      10.0,      10.0,       0.0);         ( 388292.5,
3744019.3,       9.9,       9.9,       0.0);
    ( 388292.5, 3744069.3,      10.2,      10.2,       0.0);         ( 388292.5,
3744119.3,      10.6,      10.6,       0.0);
    ( 388292.5, 3744169.3,      10.6,      10.6,       0.0);         ( 388292.5,
3744219.3,      10.5,      10.5,       0.0);
    ( 388292.5, 3744269.3,      10.6,      10.6,       0.0);         ( 388292.5,
3744319.3,      11.6,      11.6,       0.0);
    ( 388292.5, 3744369.3,      11.1,      11.1,       0.0);         ( 388292.5,
3744419.3,      10.5,      10.5,       0.0);
    ( 388292.5, 3744469.3,      10.5,      10.5,       0.0);         ( 388292.5,
3744519.3,      11.2,      11.2,       0.0);
    ( 388292.5, 3744569.3,      11.6,      11.6,       0.0);         ( 388780.4,
3742965.3,      18.4,      18.4,       0.0);
```

(388780.4, 3743015.3,   19.0,   19.0,   0.0);   (388780.4,
3743065.3,   18.5,   18.5,   0.0);
(388780.4, 3743115.3,   18.0,   18.0,   0.0);   (388780.4,
3743165.3,   17.8,   17.8,   0.0);
(388780.4, 3743215.3,   17.7,   17.7,   0.0);   (388830.4,
3742965.3,   18.9,   18.9,   0.0);
(388830.4, 3743015.3,   19.2,   19.2,   0.0);   (388830.4,
3743065.3,   19.4,   19.4,   0.0);
(388830.4, 3743115.3,   19.4,   19.4,   0.0);   (388830.4,
3743165.3,   19.3,   19.3,   0.0);
(388880.4, 3742965.3,   19.9,   19.9,   0.0);   (388880.4,
3743015.3,   19.7,   19.7,   0.0);
(388880.4, 3743065.3,   19.9,   19.9,   0.0);   (388880.4,
3743115.3,   19.8,   19.8,   0.0);
(388880.4, 3743165.3,   19.6,   19.6,   0.0);   (388930.4,
3742965.3,   20.4,   20.4,   0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(388930.4, 3743015.3,   20.1,   20.1,   0.0);   (388930.4,
3743065.3,   20.2,   20.2,   0.0);
(388930.4, 3743115.3,   20.3,   20.3,   0.0);   (388930.4,
3743165.3,   20.1,   20.1,   0.0);

*** 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
```

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,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: METDAT~1\KLGB_V~1.SFC
Met Version: 22112
Profile file: METDAT~1\KLGB_V~1.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23129 Upper air station no.: 3190
Name: KLGB Name: UNKNOWN

Year: 2015 Year: 2015

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

```
 15 01 01   1 01   -5.1  0.092 -9.000 -9.000 -999.   67.     13.8  0.10   2.80
1.00    1.11   68.    7.9  278.1    2.0
 15 01 01   1 02   -3.0  0.069 -9.000 -9.000 -999.   43.     10.0  0.04   2.80
1.00    0.97  292.    7.9  277.0    2.0
 15 01 01   1 03   -6.3  0.106 -9.000 -9.000 -999.   83.     17.1  0.26   2.80
1.00    0.96   36.    7.9  277.0    2.0
 15 01 01   1 04   -3.6  0.074 -9.000 -9.000 -999.   48.     10.1  0.03   2.80
1.00    1.14  327.    7.9  277.0    2.0
 15 01 01   1 05   -5.3  0.089 -9.000 -9.000 -999.   63.     11.9  0.03   2.80
1.00    1.40  336.    7.9  275.9    2.0
 15 01 01   1 06   -2.4  0.063 -9.000 -9.000 -999.   38.      9.2  0.03   2.80
1.00    0.91  331.    7.9  275.9    2.0
 15 01 01   1 07   -5.5  0.091 -9.000 -9.000 -999.   66.     12.2  0.03   2.80
1.00    1.43  334.    7.9  275.9    2.0
 15 01 01   1 08   -8.0  0.128 -9.000 -9.000 -999.  110.     23.9  0.32   2.80
0.54    1.06   19.    7.9  277.0    2.0
 15 01 01   1 09   35.4  0.235  0.419  0.005   75.  273.    -33.3  0.26   2.80
0.31    1.72   34.    7.9  280.3    2.0
 15 01 01   1 10  107.7  0.338  0.964  0.005  303.  472.    -32.7  0.26   2.80
0.24    2.47   49.    7.9  283.1    2.0
 15 01 01   1 11  158.7  0.344  1.624  0.005  984.  483.    -23.3  0.10   2.80
0.21    3.22   69.    7.9  285.9    2.0
 15 01 01   1 12  183.1  0.240  1.811  0.005 1180.  288.     -6.9  0.10   2.80
0.20    1.94   65.    7.9  285.9    2.0
 15 01 01   1 13  182.2  0.203  1.892  0.005 1353.  220.     -4.2  0.10   2.80
0.20    1.52   64.    7.9  287.5    2.0
 15 01 01   1 14  154.0  0.343  1.832  0.005 1453.  482.    -23.7  0.22   2.80
0.21    2.55  199.    7.9  287.0    2.0
 15 01 01   1 15  101.0  0.367  1.614  0.005 1515.  534.    -44.6  0.37   2.80
0.24    2.45  212.    7.9  287.0    2.0
 15 01 01   1 16   27.2  0.330  1.046  0.005 1530.  455.   -119.6  0.22   2.80
0.33    2.78  202.    7.9  286.4    2.0
 15 01 01   1 17  -29.6  0.335 -9.000 -9.000 -999.  465.    123.4  0.37   2.80
0.60    2.45  214.    7.9  285.9    2.0
 15 01 01   1 18  -27.0  0.271 -9.000 -9.000 -999.  340.     80.6  0.40   2.80
1.00    1.94  245.    7.9  285.3    2.0
 15 01 01   1 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.18   2.80
1.00    0.00    0.    7.9  284.2    2.0
 15 01 01   1 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.18   2.80
1.00    0.00    0.    7.9  282.0    2.0
 15 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.18   2.80
1.00    0.00    0.    7.9  281.4    2.0
 15 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.18   2.80
1.00    0.00    0.    7.9  280.9    2.0
 15 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.18   2.80
1.00    0.00    0.    7.9  280.3    2.0
 15 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.18   2.80
1.00    0.00    0.    7.9  279.8    2.0
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):   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   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         387507.26   3743641.71   0.14232   387507.26
3743691.71   0.17016
         387507.26   3743741.71   0.19805   387507.26
3743791.71   0.22328
         387507.26   3743841.71   0.24470   387557.26
3743641.71   0.16122
         387557.26   3743691.71   0.19905   387557.26
3743741.71   0.24068
         387557.26   3743791.71   0.28148   387557.26
3743841.71   0.31763
         387557.26   3743891.71   0.33799   387557.26
3743941.71   0.33340
         387557.26   3743991.71   0.31115   387607.26
3743841.71   0.42984
         387607.26   3743891.71   0.46765   387607.26
3743941.71   0.46411

```
         387607.26    3743991.71        0.42353                    387607.26
3744041.71        0.35606
         387607.26    3744091.71        0.29537                    387657.26
3743841.71        0.61203
         387657.26    3743891.71        0.69233                    387657.26
3743941.71        0.68936
         387657.26    3743991.71        0.60881                    387657.26
3744041.71        0.48489
         387657.26    3744091.71        0.38327                    387657.26
3744141.71        0.30869
         387707.26    3743841.71        0.95899                    387707.26
3743891.71        1.14875
         387707.26    3743941.71        1.14701                    387707.26
3743991.71        0.96635
         387707.26    3744041.71        0.71704                    387707.26
3744091.71        0.53321
         387707.26    3744141.71        0.41251                    387757.26
3743841.71        1.82650
         387757.26    3743891.71        2.38683                    387757.26
3743941.71        2.41601
         387757.26    3743991.71        1.85602                    387757.26
3744041.71        1.18419
         387757.26    3744091.71        0.80802                    387757.26
3744141.71        0.59492
         387862.10    3744056.02        3.23939                    387862.10
3744106.02        1.91833
         387912.10    3744056.02        3.73455                    387912.10
3744106.02        2.30690
         387962.10    3744056.02        3.84890                    387962.10
3744106.02        2.43322
         388012.10    3744056.02        3.75536                    388012.10
3744106.02        2.40848
         388062.10    3744056.02        3.48329                    388062.10
3744106.02        2.25110
         387863.31    3744015.45        6.42837                    387913.31
3744015.45        6.94078
         387963.31    3744015.45        7.00100                    388013.31
3744015.45        6.76147
         388063.31    3744015.45        6.23098                    387826.23
3744056.86        2.42850
         387826.23    3744106.86        1.44963                    387827.44
3744016.29        4.94823
         387689.52    3743645.82        0.24015                    387689.52
3743695.82        0.32423
         387689.52    3743745.82        0.44956                    387739.52
3743645.82        0.28139
         387739.52    3743695.82        0.39654                    387739.52
3743745.82        0.59059
         387789.52    3743645.82        0.33451                    387789.52
3743695.82        0.49149
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): 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 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387789.52	3743745.82	0.79884	387839.52	3743645.82	0.41067
387839.52	3743695.82	0.63206	387839.52	3743745.82	1.13390
387889.52	3743645.82	0.50419	387889.52	3743695.82	0.80887
387889.52	3743745.82	1.52960	387939.52	3743695.82	0.97740
387939.52	3743745.82	1.85984	387989.52	3743745.82	2.07714
387692.61	3743778.61	0.57107	387742.61	3743778.61	0.81190
387792.61	3743778.61	1.23419	387842.61	3743778.61	2.00326
387892.61	3743778.61	2.77796	387942.61	3743778.61	3.27905
387992.61	3743778.61	3.54043	387654.54	3743692.47	0.27836
387654.54	3743742.47	0.37040	387705.59	3744244.86	0.26753
387705.59	3744294.86	0.22666	387755.59		

3744244.86 0.36126
387755.59 3744294.86 0.29839 387755.59
3744344.86 0.25071
387755.59 3744394.86 0.21457 387805.59
3744294.86 0.40617
387805.59 3744344.86 0.33235 387805.59
3744394.86 0.27768
387805.59 3744444.86 0.23576 387805.59
3744494.86 0.20288
387805.59 3744544.86 0.17642 387855.59
3744444.86 0.29908
387855.59 3744494.86 0.25313 387855.59
3744544.86 0.21704
387855.59 3744594.86 0.18799 387905.59
3744544.86 0.26135
387905.59 3744594.86 0.22438 387905.59
3744644.86 0.19449
387905.59 3744694.86 0.17021 387955.59
3744644.86 0.22438
387463.28 3744230.92 0.11169 387463.28
3744280.92 0.09721
387463.28 3744330.92 0.08600 387513.28
3744230.92 0.12827
387513.28 3744280.92 0.11119 387513.28
3744330.92 0.09824
387513.28 3744380.92 0.08806 387513.28
3744430.92 0.07985
387513.28 3744480.92 0.07293 387563.28
3744230.92 0.15027
387563.28 3744280.92 0.12962 387563.28
3744330.92 0.11432
387563.28 3744380.92 0.10216 387563.28
3744430.92 0.09214
387563.28 3744480.92 0.08382 387563.28
3744530.92 0.07691
387563.28 3744580.92 0.07095 387563.28
3744630.92 0.06576
387613.28 3744230.92 0.18081 387613.28
3744280.92 0.15535
387613.28 3744330.92 0.13615 387613.28
3744380.92 0.12094
387613.28 3744430.92 0.10858 387613.28
3744480.92 0.09834
387613.28 3744530.92 0.08960 387613.28
3744580.92 0.08208
387613.28 3744630.92 0.07552 387613.28
3744680.92 0.06979
387663.28 3744330.92 0.16686 387663.28
3744380.92 0.14671
387663.28 3744430.92 0.13050 387663.28

```
3744480.92        0.11709
         387663.28    3744530.92        0.10565                        387663.28
3744580.92        0.09588
         387663.28    3744630.92        0.08746                        387663.28
3744680.92        0.08014
         387713.28    3744480.92        0.14158                        387713.28
3744530.92        0.12624
         387713.28    3744580.92        0.11331                        387713.28
3744630.92        0.10229
         387713.28    3744680.92        0.09288                        387763.28
3744580.92        0.13591
         387763.28    3744630.92        0.12137                        387763.28
3744680.92        0.10902
         387813.28    3744680.92        0.12926                        387465.01
3744212.81        0.11836
         387515.01    3744212.81        0.13634                        387565.01
3744212.81        0.16023
         387615.01    3744212.81        0.19340                        387436.03
3744192.12        0.11624
         386968.99    3743502.23        0.04251                        386968.99
3743552.23        0.04389
         386968.99    3743602.23        0.04503                        386968.99
3743652.23        0.04632
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:36:55

                                    PAGE 486
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):     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    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
```

- -
386968.99 3743702.23 0.04782 386968.99
3743752.23 0.04930
386968.99 3743802.23 0.05067 386968.99
3743852.23 0.05211
386968.99 3743902.23 0.05340 386968.99
3743952.23 0.05374
386968.99 3744002.23 0.05234 386968.99
3744052.23 0.04935
386968.99 3744102.23 0.04585 386968.99
3744152.23 0.04304
387018.99 3743502.23 0.04545 387018.99
3743552.23 0.04740
387018.99 3743602.23 0.04888 387018.99
3743652.23 0.05036
387018.99 3743702.23 0.05205 387018.99
3743752.23 0.05376
387018.99 3743802.23 0.05541 387018.99
3743852.23 0.05710
387018.99 3743902.23 0.05857 387018.99
3743952.23 0.05886
387018.99 3744002.23 0.05715 387018.99
3744052.23 0.05366
387018.99 3744102.23 0.04977 387018.99
3744152.23 0.04685
387068.99 3743502.23 0.04853 387068.99
3743552.23 0.05125
387068.99 3743602.23 0.05328 387068.99
3743652.23 0.05507
387068.99 3743702.23 0.05700 387068.99
3743752.23 0.05900
387068.99 3743802.23 0.06098 387068.99
3743852.23 0.06300
387068.99 3743902.23 0.06468 387068.99
3743952.23 0.06490
387068.99 3744002.23 0.06279 387068.99
3744052.23 0.05872
387068.99 3744102.23 0.05442 387068.99
3744152.23 0.05139
387118.99 3743502.23 0.05174 387118.99
3743552.23 0.05545
387118.99 3743602.23 0.05828 387118.99
3743652.23 0.06058
387118.99 3743702.23 0.06287 387118.99
3743752.23 0.06523
387118.99 3743802.23 0.06761 387118.99
3743852.23 0.07006
387118.99 3743902.23 0.07199 387118.99
3743952.23 0.07211

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         387118.99    3744002.23        0.06950                      387118.99
3744052.23        0.06474
         387118.99    3744102.23        0.06000                      387118.99
3744152.23        0.05684
         387168.99    3743502.23        0.05502                      387168.99
3743552.23        0.05997
         387168.99    3743602.23        0.06392                      387168.99
3743652.23        0.06704
         387168.99    3743702.23        0.06987                      387168.99
3743752.23        0.07271
         387168.99    3743802.23        0.07560                      387168.99
3743852.23        0.07859
         387168.99    3743902.23        0.08085                      387168.99
3743952.23        0.08082
         387168.99    3744002.23        0.07758                      387168.99
3744052.23        0.07201
         387168.99    3744102.23        0.06679                      387168.99
3744152.23        0.06340
         387218.99    3743502.23        0.05842                      387218.99
3743552.23        0.06478
         387218.99    3743602.23        0.07024                      387218.99
3743652.23        0.07460
         387218.99    3743702.23        0.07831                      387218.99
3743752.23        0.08181
         387218.99    3743802.23        0.08536                      387218.99
3743852.23        0.08906
         387218.99    3743902.23        0.09173                      387218.99
3743952.23        0.09150
         387218.99    3744002.23        0.08745                      387218.99
3744052.23        0.08092
         387218.99    3744102.23        0.07512                      387218.99
3744152.23        0.07128
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 487
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     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    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387268.99	3743502.23	0.06195	387268.99	3743552.23	0.06988
387268.99	3743602.23	0.07726	387268.99	3743652.23	0.08342
387268.99	3743702.23	0.08851	387268.99	3743752.23	0.09304
387268.99	3743802.23	0.09748	387268.99	3743852.23	0.10211
387268.99	3743902.23	0.10533	387268.99	3743952.23	0.10479
387268.99	3744002.23	0.09971	387268.99	3744052.23	0.09204
387268.99	3744102.23	0.08544	387268.99	3744152.23	0.08074
387318.99	3743552.23	0.07531	387318.99	3743602.23	0.08499
387318.99	3743652.23	0.09365	387318.99	3743702.23	0.10088
387318.99	3743752.23	0.10705	387318.99	3743802.23	0.11280
387318.99	3743852.23	0.11869	387318.99	3743902.23	0.12263
387318.99	3743952.23	0.12165	387318.99	3744002.23	0.11527
387318.99	3744052.23	0.10613	387318.99	3744102.23	0.09828
387318.99	3744152.23	0.09204	387368.99	3743652.23	0.10543
387368.99	3743702.23	0.11589	387368.99	3743752.23	0.12473
387368.99	3743802.23	0.13253	387368.99	3743852.23	0.14022
387368.99	3743902.23	0.14513	387368.99	3743952.23	0.14354
387368.99	3744002.23	0.13548	387357.30	3743511.78	0.07085
387407.30	3743561.78	0.08871	387407.30	3743611.78	0.10347
387453.88	3743868.51	0.19838	387453.88		

3743918.51 0.20264
387453.88 3743968.51 0.19615 387453.88
3744018.51 0.18121
387453.88 3744068.51 0.16309 387503.88
3743968.51 0.24649
387503.88 3744018.51 0.22539 387503.88
3744068.51 0.19915
387503.88 3744118.51 0.17511 387553.88
3744068.51 0.24814
387553.88 3744118.51 0.21224 387015.27
3744263.55 0.04392
387015.27 3744313.55 0.04263 387015.27
3744363.55 0.04023
387015.27 3744413.55 0.03692 387015.27
3744463.55 0.03341
387015.27 3744513.55 0.03036 387015.27
3744563.55 0.02805
387015.27 3744613.55 0.02639 387015.27
3744663.55 0.02514
387015.27 3744713.55 0.02407 387015.27
3744763.55 0.02306
387015.27 3744813.55 0.02208 387015.27
3744863.55 0.02114
387065.27 3744263.55 0.04794 387065.27
3744313.55 0.04585
387065.27 3744363.55 0.04253 387065.27
3744413.55 0.03857
387065.27 3744463.55 0.03482 387065.27
3744513.55 0.03183
387065.27 3744563.55 0.02964 387065.27
3744613.55 0.02801
387065.27 3744663.55 0.02668 387065.27
3744713.55 0.02547
387065.27 3744763.55 0.02431 387065.27
3744813.55 0.02321
387065.27 3744863.55 0.02218 387115.27
3744263.55 0.05236
387115.27 3744313.55 0.04920 387115.27
3744363.55 0.04492
387115.27 3744413.55 0.04043 387115.27
3744463.55 0.03659

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 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 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387115.27	3744513.55	0.03368	387115.27	3744563.55	0.03155
387115.27	3744613.55	0.02985	387115.27	3744663.55	0.02837
387115.27	3744713.55	0.02698	387115.27	3744763.55	0.02568
387115.27	3744813.55	0.02446	387115.27	3744863.55	0.02336
387165.27	3744263.55	0.05715	387165.27	3744313.55	0.05273
387165.27	3744363.55	0.04753	387165.27	3744413.55	0.04267
387165.27	3744463.55	0.03882	387165.27	3744513.55	0.03597
387165.27	3744563.55	0.03377	387165.27	3744613.55	0.03191
387165.27	3744663.55	0.03022	387165.27	3744713.55	0.02864
387165.27	3744763.55	0.02719	387165.27	3744813.55	0.02587
387165.27	3744863.55	0.02469	387215.27	3744263.55	0.06234
387215.27	3744313.55	0.05653	387215.27	3744363.55	0.05054
387215.27	3744413.55	0.04547	387215.27	3744463.55	0.04161
387215.27	3744513.55	0.03868	387215.27	3744563.55	0.03630
387215.27	3744613.55	0.03420	387215.27	3744663.55	0.03228

387215.27 3744713.55 0.03051 387215.27
3744763.55 0.02892
387215.27 3744813.55 0.02749 387215.27
3744863.55 0.02621
387265.27 3744263.55 0.06802 387265.27
3744313.55 0.06082
387265.27 3744363.55 0.05420 387265.27
3744413.55 0.04896
387265.27 3744463.55 0.04499 387265.27
3744513.55 0.04186
387265.27 3744563.55 0.03918 387265.27
3744613.55 0.03678
387265.27 3744663.55 0.03461 387265.27
3744713.55 0.03266
387265.27 3744763.55 0.03091 387265.27
3744813.55 0.02936
387265.27 3744863.55 0.02798 387315.27
3744263.55 0.07441
387315.27 3744313.55 0.06590 387315.27
3744363.55 0.05875
387315.27 3744413.55 0.05327 387315.27
3744463.55 0.04904
387315.27 3744513.55 0.04554 387315.27
3744563.55 0.04249
387315.27 3744613.55 0.03976 387315.27
3744663.55 0.03732
387315.27 3744713.55 0.03516 387315.27
3744763.55 0.03325
387315.27 3744813.55 0.03158 387315.27
3744863.55 0.03009
387365.27 3744263.55 0.08186 387365.27
3744313.55 0.07214
387365.27 3744363.55 0.06445 387365.27
3744413.55 0.05856
387365.27 3744463.55 0.05386 387365.27
3744513.55 0.04987
387365.27 3744563.55 0.04636 387365.27
3744613.55 0.04325
387365.27 3744663.55 0.04053 387365.27
3744713.55 0.03815
387365.27 3744763.55 0.03608 387365.27
3744813.55 0.03426
387365.27 3744863.55 0.03263 387415.27
3744313.55 0.08000
387415.27 3744363.55 0.07157 387415.27
3744413.55 0.06503
387415.27 3744463.55 0.05965 387415.27
3744513.55 0.05502
387415.27 3744563.55 0.05098 387415.27
3744613.55 0.04748

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 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 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387415.27	3744663.55	0.04446	387415.27	3744713.55	0.04185
387415.27	3744763.55	0.03956	387415.27	3744813.55	0.03753
387415.27	3744863.55	0.03570	387465.27	3744513.55	0.06133
387465.27	3744563.55	0.05671	387465.27	3744613.55	0.05276
387465.27	3744663.55	0.04938	387465.27	3744713.55	0.04643
387465.27	3744763.55	0.04383	387465.27	3744813.55	0.04149
387465.27	3744863.55	0.03936	387515.27	3744663.55	0.05554
387515.27	3744713.55	0.05206	387515.27	3744763.55	0.04896
387515.27	3744813.55	0.04616	387515.27	3744863.55	0.04361
387565.27	3744813.55	0.05156	387565.27	3744863.55	0.04845
387524.44	3742913.36	0.02601	387574.44		

3742963.36 0.02884
387574.44 3743013.36 0.03115 387624.44
3742963.36 0.02983
387624.44 3743013.36 0.03231 387624.44
3743063.36 0.03517
387674.44 3742963.36 0.03090 387674.44
3743013.36 0.03357
387674.44 3743063.36 0.03666 387674.44
3743113.36 0.04027
387724.44 3742963.36 0.03222 387724.44
3743013.36 0.03507
387724.44 3743063.36 0.03839 387724.44
3743113.36 0.04230
387774.44 3742963.36 0.03402 387774.44
3743013.36 0.03708
387774.44 3743063.36 0.04068 387774.44
3743113.36 0.04494
387774.44 3743163.36 0.05005 387824.44
3742963.36 0.03648
387824.44 3743013.36 0.03984 387824.44
3743063.36 0.04380
387824.44 3743113.36 0.04852 387824.44
3743163.36 0.05422
387824.44 3743213.36 0.06120 387874.44
3742963.36 0.03942
387874.44 3743013.36 0.04313 387874.44
3743063.36 0.04753
387874.44 3743113.36 0.05280 387874.44
3743163.36 0.05920
387874.44 3743213.36 0.06709 387874.44
3743263.36 0.07696
387924.44 3742963.36 0.04247 387924.44
3743013.36 0.04656
387924.44 3743063.36 0.05142 387924.44
3743113.36 0.05728
387924.44 3743163.36 0.06443 387924.44
3743213.36 0.07330
387924.44 3743263.36 0.08449 387924.44
3743313.36 0.09888
387974.44 3742963.36 0.04555 387974.44
3743013.36 0.05007
387974.44 3743063.36 0.05547 387974.44
3743113.36 0.06200
387974.44 3743163.36 0.07001 387974.44
3743213.36 0.07998
387974.44 3743263.36 0.09263 387974.44
3743313.36 0.10898
387974.44 3743363.36 0.13061 388024.44
3742963.36 0.04876
388024.44 3743013.36 0.05378 388024.44

```
3743063.36        0.05977
         388024.44    3743113.36        0.06703                      388024.44
3743163.36        0.07595
         388024.44    3743213.36        0.08707                      388024.44
3743263.36        0.10121
         388024.44    3743313.36        0.11957                      388024.44
3743363.36        0.14398
         388024.44    3743413.36        0.17728                      388074.44
3742963.36        0.05194
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

                                  PAGE 490
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     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    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         388074.44    3743013.36        0.05742                      388074.44
3743063.36        0.06398
         388074.44    3743113.36        0.07194                      388074.44
3743163.36        0.08176
         388074.44    3743213.36        0.09407                      388074.44
3743263.36        0.10977
         388074.44    3743313.36        0.13019                      388074.44
3743363.36        0.15719
         388074.44    3743413.36        0.19372                      388074.44
3743463.36        0.24442
         388124.44    3742963.36        0.05469                      388124.44
3743013.36        0.06058
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388124.44 3743063.36 0.06766 388124.44
3743113.36 0.07632
388124.44 3743163.36 0.08702 388124.44
3743213.36 0.10043
388124.44 3743263.36 0.11745 388124.44
3743313.36 0.13934
388124.44 3743363.36 0.16804 388124.44
3743413.36 0.20649
388174.44 3742963.36 0.05707 388174.44
3743013.36 0.06338
388174.44 3743063.36 0.07098 388174.44
3743113.36 0.08011
388174.44 3743163.36 0.09161 388174.44
3743213.36 0.10571
388174.44 3743263.36 0.12339 388174.44
3743313.36 0.14594
388174.44 3743363.36 0.17529 388174.44
3743413.36 0.21435
388224.44 3742963.36 0.05953 388224.44
3743013.36 0.06623
388224.44 3743063.36 0.07343 388224.44
3743113.36 0.08391
388224.44 3743163.36 0.09562 388224.44
3743213.36 0.10999
388224.44 3743263.36 0.12789 388224.44
3743313.36 0.15063
388224.44 3743363.36 0.18027 388274.44
3742963.36 0.06215
388274.44 3743013.36 0.06912 387475.71
3743311.02 0.04898
387490.71 3743311.02 0.04990 387451.13
3743316.16 0.04807
387379.86 3743317.08 0.04434 387399.86
3743317.08 0.04534
387419.86 3743317.08 0.04640 387439.86
3743317.08 0.04751
387019.21 3742972.33 0.01980 387019.21
3743022.33 0.02106
387019.21 3743072.33 0.02247 387019.21
3743122.33 0.02408
387019.21 3743172.33 0.02593 387019.21
3743222.33 0.02813
387019.21 3743272.33 0.03076 387019.21
3743322.33 0.03386
387069.21 3742972.33 0.02032 387069.21
3743022.33 0.02161
387069.21 3743072.33 0.02308 387069.21
3743122.33 0.02475
387069.21 3743172.33 0.02666 387069.21
3743222.33 0.02891

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         387069.21    3743272.33        0.03160                      387069.21
3743322.33        0.03483
         387119.21    3742972.33        0.02090                      387119.21
3743022.33        0.02224
         387119.21    3743072.33        0.02376                      387119.21
3743122.33        0.02549
         387119.21    3743172.33        0.02748                      387119.21
3743222.33        0.02980
         387119.21    3743272.33        0.03257                      387119.21
3743322.33        0.03591
         387169.21    3742972.33        0.02156                      387169.21
3743022.33        0.02294
         387169.21    3743072.33        0.02451                      387169.21
3743122.33        0.02632
         387169.21    3743172.33        0.02840                      387169.21
3743222.33        0.03081
         387169.21    3743272.33        0.03367                      387169.21
3743322.33        0.03713
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:36:55

                                    PAGE 491
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):     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    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         387219.21    3742972.33        0.02231                      387219.21
3743022.33        0.02374
         387219.21    3743072.33        0.02537                      387219.21
```

3743122.33 0.02726
387219.21 3743172.33 0.02943 387219.21
3743222.33 0.03196
387219.21 3743272.33 0.03494 387219.21
3743322.33 0.03854
387269.21 3742972.33 0.02315 387269.21
3743022.33 0.02464
387269.21 3743072.33 0.02635 387269.21
3743122.33 0.02833
387269.21 3743172.33 0.03061 387269.21
3743222.33 0.03327
387269.21 3743272.33 0.03641 387269.21
3743322.33 0.04018
387319.21 3742972.33 0.02408 387319.21
3743022.33 0.02565
387319.21 3743072.33 0.02745 387319.21
3743122.33 0.02953
387319.21 3743172.33 0.03195 387319.21
3743222.33 0.03478
387319.21 3743272.33 0.03811 387319.21
3743322.33 0.04208
387369.21 3742972.33 0.02507 387369.21
3743022.33 0.02675
387369.21 3743072.33 0.02866 387369.21
3743122.33 0.03088
387369.21 3743172.33 0.03346 387369.21
3743222.33 0.03648
387369.21 3743272.33 0.04005 387419.21
3742972.33 0.02610
387419.21 3743022.33 0.02792 387419.21
3743072.33 0.02998
387419.21 3743122.33 0.03236 387419.21
3743172.33 0.03513
387419.21 3743222.33 0.03840 387419.21
3743272.33 0.04227
387469.21 3743072.33 0.03136 387469.21
3743122.33 0.03395
387469.21 3743172.33 0.03696 387469.21
3743222.33 0.04052
387469.21 3743272.33 0.04474 387578.38
3743390.44 0.06862
387608.38 3743390.44 0.07183 387638.38
3743390.44 0.07521
387369.87 3743365.20 0.04872 387399.87
3743365.20 0.05043
387429.87 3743365.20 0.05231 387459.87
3743365.20 0.05436
387489.87 3743365.20 0.05658 387489.87
3743395.20 0.06101
388754.52 3743939.25 0.05850 388754.52

3743989.25   0.05180
         388754.52   3744039.25   0.04854   388754.52
3744089.25   0.04987
         388754.52   3744139.25   0.04741   388754.52
3744189.25   0.04505
         388804.52   3743889.25   0.05745   388804.52
3743939.25   0.05014
         388804.52   3743989.25   0.04462   388804.52
3744039.25   0.04063
         388804.52   3744089.25   0.03883   388804.52
3744139.25   0.04202
         388804.52   3744189.25   0.04018   388804.52
3744239.25   0.03853
         388804.52   3744289.25   0.03718   388854.52
3743889.25   0.05017
         388854.52   3743939.25   0.04414   388854.52
3743989.25   0.03953
         388854.52   3744039.25   0.03613   388854.52
3744089.25   0.03364
         388854.52   3744139.25   0.03520   388854.52
3744189.25   0.03612
         388854.52   3744239.25   0.03465   388854.52
3744289.25   0.03347
         388854.52   3744339.25   0.03255   388904.52
3743889.25   0.04431
         388904.52   3743939.25   0.03932   388904.52
3743989.25   0.03537

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):   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   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388904.52	3744039.25	0.03241	388904.52	3744089.25	0.03018
388904.52	3744139.25	0.02846	388904.52	3744189.25	0.02849
388904.52	3744239.25	0.02927	388904.52	3744289.25	0.02972
388904.52	3744339.25	0.02953	388904.52	3744389.25	0.02880
388904.52	3744439.25	0.02818	388954.52	3743939.25	0.03525
388954.52	3743989.25	0.03176	388954.52	3744039.25	0.02917
388954.52	3744089.25	0.02717	388954.52	3744139.25	0.02557
388882.82	3743721.97	0.06802	388882.82	3743771.97	0.06189
388932.82	3743721.97	0.05952	388932.82	3743771.97	0.05427
388932.82	3743821.97	0.04843	387765.02	3743382.77	0.08991
387815.02	3743382.77	0.09949	387815.02	3743432.77	0.11906
387865.02	3743382.77	0.11135	387865.02	3743432.77	0.13460
387915.02	3743382.77	0.12424	387915.02	3743432.77	0.15211
387965.02	3743432.77	0.17063	387713.39	3743372.67	0.07992
387763.39	3743422.67	0.10297	387583.29	3743113.63	0.03716
387583.29	3743163.63	0.04080	387583.29	3743213.63	0.04511
387583.29	3743263.63	0.05028	387633.29	3743163.63	0.04283
387633.29	3743213.63	0.04759	387633.29	3743263.63	0.05334
387633.29	3743313.63	0.06036	387683.29	3743263.63	0.05659
387683.29	3743313.63	0.06446	388242.48	3743969.33	0.79311
388242.48	3744019.33	0.62488	388242.48	3744069.33	0.54902
388242.48	3744119.33	0.49852	388242.48	3744169.33	0.45966

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         388242.48    3744219.33        0.42444                        388242.48
3744269.33        0.39074
         388242.48    3744319.33        0.35927                        388242.48
3744369.33        0.33032
         388242.48    3744419.33        0.30349                        388242.48
3744469.33        0.27887
         388292.48    3743969.33        0.48304                        388292.48
3744019.33        0.39297
         388292.48    3744069.33        0.34644                        388292.48
3744119.33        0.31581
         388292.48    3744169.33        0.29497                        388292.48
3744219.33        0.27922
         388292.48    3744269.33        0.26557                        388292.48
3744319.33        0.25173
         388292.48    3744369.33        0.24007                        388292.48
3744419.33        0.22789
         388292.48    3744469.33        0.21553                        388292.48
3744519.33        0.20331
         388292.48    3744569.33        0.19138                        388780.42
3742965.27        0.07361
         388780.42    3743015.27        0.08182                        388780.42
3743065.27        0.09048
         388780.42    3743115.27        0.09962                        388780.42
3743165.27        0.10898
         388780.42    3743215.27        0.11801                        388830.42
3742965.27        0.07520
         388830.42    3743015.27        0.08321                        388830.42
3743065.27        0.09183
         388830.42    3743115.27        0.10048                        388830.42
3743165.27        0.10850
         388880.42    3742965.27        0.07699                        388880.42
3743015.27        0.08437
         388880.42    3743065.27        0.09205                        388880.42
3743115.27        0.09903
         388880.42    3743165.27        0.10491                        388930.42
3742965.27        0.07812
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 493
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         388930.42    3743015.27        0.08462                       388930.42
3743065.27        0.09094
         388930.42    3743115.27        0.09625                       388930.42
3743165.27        0.10006
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:36:55

                                    PAGE 494
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL     ***
                                    INCLUDING SOURCE(S):     L0000368    , L0000369
, L0000370    , L0000371    , L0000372    ,
                 L0000373    , L0000374    , L0000375    , L0000376    , L0000377
, L0000378    , L0000379    , L0000380    ,
                 L0000381    , L0000382    , L0000383    , L0000384    , L0000385
, L0000386    , L0000387    , L0000388    ,
                 L0000389    , L0000390    , L0000391    , L0000392    , L0000393
, L0000394    , L0000395    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         387507.26    3743641.71        2.95194                       387507.26
3743691.71        2.13217
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         387507.26    3743741.71        1.75733                    387507.26
3743791.71        1.42571
         387507.26    3743841.71        1.10181                    387557.26
3743641.71        4.35347
         387557.26    3743691.71        3.73497                    387557.26
3743741.71        3.46035
         387557.26    3743791.71        2.66286                    387557.26
3743841.71        1.81159
         387557.26    3743891.71        1.25731                    387557.26
3743941.71        0.92994
         387557.26    3743991.71        0.72039                    387607.26
3743841.71        3.54901
         387607.26    3743891.71        1.97426                    387607.26
3743941.71        1.32802
         387607.26    3743991.71        0.96824                    387607.26
3744041.71        0.72979
         387607.26    3744091.71        0.56826                    387657.26
3743841.71        6.61237
         387657.26    3743891.71        2.81057                    387657.26
3743941.71        1.78041
         387657.26    3743991.71        1.25417                    387657.26
3744041.71        0.90777
         387657.26    3744091.71        0.68591                    387657.26
3744141.71        0.54162
         387707.26    3743841.71        8.22215                    387707.26
3743891.71        3.41475
         387707.26    3743941.71        2.32729                    387707.26
3743991.71        1.64748
         387707.26    3744041.71        1.12982                    387707.26
3744091.71        0.82573
         387707.26    3744141.71        0.63491                    387757.26
3743841.71        9.00287
         387757.26    3743891.71        5.43860                    387757.26
3743941.71        4.60743
         387757.26    3743991.71        3.14445                    387757.26
3744041.71        1.62865
         387757.26    3744091.71        1.03319                    387757.26
3744141.71        0.73878
         387862.10    3744056.02        1.06272                    387862.10
3744106.02        0.78929
         387912.10    3744056.02        0.56173                    387912.10
3744106.02        0.50201
         387962.10    3744056.02        0.32605                    387962.10
3744106.02        0.30988
         388012.10    3744056.02        0.21516                    388012.10
3744106.02        0.20600
         388062.10    3744056.02        0.15497                    388062.10
3744106.02        0.14741
         387863.31    3744015.45        1.30838                    387913.31
3744015.45        0.60633
```

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         387963.31    3744015.45        0.34278                        388013.31
3744015.45        0.22602
         388063.31    3744015.45        0.16380                        387826.23
3744056.86        1.54028
         387826.23    3744106.86        0.97040                        387827.44
3744016.29        2.58156
         387689.52    3743645.82        2.81813                        387689.52
3743695.82        2.96680
         387689.52    3743745.82        3.82264                        387739.52
3743645.82        1.43301
         387739.52    3743695.82        1.71018                        387739.52
3743745.82        2.65094
         387789.52    3743645.82        1.00832                        387789.52
3743695.82        1.28716
         387789.52    3743745.82        2.16919                        387839.52
3743645.82        0.79851
         387839.52    3743695.82        1.04033                        387839.52
3743745.82        1.63113
         387889.52    3743645.82        0.65105                        387889.52
3743695.82        0.81963
         387889.52    3743745.82        1.09301                        387939.52
3743695.82        0.62612
         387939.52    3743745.82        0.73299                        387989.52
3743745.82        0.51023
         387692.61    3743778.61        5.98512                        387742.61
3743778.61        4.91624
         387792.61    3743778.61        4.06898                        387842.61
3743778.61        2.29818
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:36:55

                                    PAGE 495
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL      ***
                                    INCLUDING SOURCE(S):     L0000368    , L0000369
, L0000370    , L0000371    , L0000372    ,
                  L0000373    , L0000374    , L0000375    , L0000376    , L0000377
, L0000378    , L0000379    , L0000380    ,
                  L0000381    , L0000382    , L0000383    , L0000384    , L0000385
, L0000386    , L0000387    , L0000388    ,
                  L0000389    , L0000390    , L0000391    , L0000392    , L0000393
, L0000394    , L0000395    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387892.61	3743778.61	1.24736	387942.61	3743778.61	0.76099
387992.61	3743778.61	0.50413	387654.54	3743692.47	5.69644
387654.54	3743742.47	6.05235	387705.59	3744244.86	0.40490
387705.59	3744294.86	0.33723	387755.59	3744244.86	0.44264
387755.59	3744294.86	0.36361	387755.59	3744344.86	0.30519
387755.59	3744394.86	0.26015	387805.59	3744294.86	0.37083
387805.59	3744344.86	0.31051	387805.59	3744394.86	0.26468
387805.59	3744444.86	0.22883	387805.59	3744494.86	0.20010
387805.59	3744544.86	0.17672	387855.59	3744444.86	0.22200
387855.59	3744494.86	0.19549	387855.59	3744544.86	0.17364
387855.59	3744594.86	0.15541	387905.59	3744544.86	0.16384
387905.59	3744594.86	0.14804	387905.59	3744644.86	0.13440
387905.59	3744694.86	0.12255	387955.59	3744644.86	0.12480
387463.28	3744230.92	0.19903	387463.28	3744280.92	0.17488
387463.28	3744330.92	0.15493	387513.28	3744230.92	0.23810
387513.28	3744280.92	0.20666	387513.28	3744330.92	0.18122
387513.28	3744380.92	0.16011	387513.28	3744430.92	0.14282
387513.28	3744480.92	0.12824	387563.28	3744230.92	0.28327
387563.28	3744280.92	0.24263	387563.28	3744330.92	0.21072
387563.28	3744380.92	0.18473	387563.28	3744430.92	0.16324
387563.28	3744480.92	0.14536	387563.28	3744530.92	0.13039
387563.28	3744580.92	0.11752	387563.28		

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3744630.92        0.10646
         387613.28    3744230.92        0.33303                        387613.28
3744280.92        0.28215
         387613.28    3744330.92        0.24236                        387613.28
3744380.92        0.21053
         387613.28    3744430.92        0.18468                        387613.28
3744480.92        0.16337
         387613.28    3744530.92        0.14546                        387613.28
3744580.92        0.13034
         387613.28    3744630.92        0.11746                        387613.28
3744680.92        0.10646
         387663.28    3744330.92        0.27413                        387663.28
3744380.92        0.23600
         387663.28    3744430.92        0.20544                        387663.28
3744480.92        0.18049
         387663.28    3744530.92        0.15980                        387663.28
3744580.92        0.14251
         387663.28    3744630.92        0.12791                        387663.28
3744680.92        0.11549
         387713.28    3744480.92        0.19505                        387713.28
3744530.92        0.17196
         387713.28    3744580.92        0.15282                        387713.28
3744630.92        0.13674
         387713.28    3744680.92        0.12316                        387763.28
3744580.92        0.15990
         387763.28    3744630.92        0.14295                        387763.28
3744680.92        0.12864
         387813.28    3744680.92        0.13106                        387465.01
3744212.81        0.21068
         387515.01    3744212.81        0.25293                        387565.01
3744212.81        0.30226
         387615.01    3744212.81        0.35681                        387436.03
3744192.12        0.20069
         386968.99    3743502.23        0.12525                        386968.99
3743552.23        0.12150
         386968.99    3743602.23        0.11645                        386968.99
3743652.23        0.11070
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:36:55

                                    PAGE 496
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL      ***
                                    INCLUDING SOURCE(S):     L0000368    , L0000369
, L0000370    , L0000371    , L0000372    ,
                 L0000373    , L0000374    , L0000375    , L0000376    , L0000377
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, L0000378    , L0000379    , L0000380    ,
                L0000381    , L0000382    , L0000383    , L0000384    , L0000385
, L0000386    , L0000387    , L0000388    ,
                L0000389    , L0000390    , L0000391    , L0000392    , L0000393
, L0000394    , L0000395    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         386968.99    3743702.23        0.10484                      386968.99
3743752.23        0.09912
         386968.99    3743802.23        0.09345                      386968.99
3743852.23        0.08769
         386968.99    3743902.23        0.08183                      386968.99
3743952.23        0.07607
         386968.99    3744002.23        0.07057                      386968.99
3744052.23        0.06546
         386968.99    3744102.23        0.06076                      386968.99
3744152.23        0.05646
         387018.99    3743502.23        0.14940                      387018.99
3743552.23        0.14352
         387018.99    3743602.23        0.13657                      387018.99
3743652.23        0.12912
         387018.99    3743702.23        0.12169                      387018.99
3743752.23        0.11449
         387018.99    3743802.23        0.10738                      387018.99
3743852.23        0.10023
         387018.99    3743902.23        0.09306                      387018.99
3743952.23        0.08607
         387018.99    3744002.23        0.07947                      387018.99
3744052.23        0.07337
         387018.99    3744102.23        0.06777                      387018.99
3744152.23        0.06268
         387068.99    3743502.23        0.18179                      387068.99
3743552.23        0.17273
         387068.99    3743602.23        0.16323                      387068.99
3743652.23        0.15339
         387068.99    3743702.23        0.14368                      387068.99
3743752.23        0.13434
         387068.99    3743802.23        0.12524                      387068.99
3743852.23        0.11620
         387068.99    3743902.23        0.10724                      387068.99
3743952.23        0.09859
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         387068.99    3744002.23        0.09051                        387068.99
3744052.23        0.08309
         387068.99    3744102.23        0.07633                        387068.99
3744152.23        0.07022
         387118.99    3743502.23        0.22599                        387118.99
3743552.23        0.21325
         387118.99    3743602.23        0.19995                        387118.99
3743652.23        0.18639
         387118.99    3743702.23        0.17316                        387118.99
3743752.23        0.16064
         387118.99    3743802.23        0.14866                        387118.99
3743852.23        0.13695
         387118.99    3743902.23        0.12547                        387118.99
3743952.23        0.11452
         387118.99    3744002.23        0.10441                        387118.99
3744052.23        0.09520
         387118.99    3744102.23        0.08688                        387118.99
3744152.23        0.07944
         387168.99    3743502.23        0.29277                        387168.99
3743552.23        0.27306
         387168.99    3743602.23        0.25302                        387168.99
3743652.23        0.23298
         387168.99    3743702.23        0.21395                        387168.99
3743752.23        0.19644
         387168.99    3743802.23        0.18013                        387168.99
3743852.23        0.16448
         387168.99    3743902.23        0.14932                        387168.99
3743952.23        0.13509
         387168.99    3744002.23        0.12214                        387168.99
3744052.23        0.11046
         387168.99    3744102.23        0.10002                        387168.99
3744152.23        0.09085
         387218.99    3743502.23        0.40413                        387218.99
3743552.23        0.36824
         387218.99    3743602.23        0.33371                        387218.99
3743652.23        0.30113
         387218.99    3743702.23        0.27192                        387218.99
3743752.23        0.24633
         387218.99    3743802.23        0.22333                        387218.99
3743852.23        0.20165
         387218.99    3743902.23        0.18099                        387218.99
3743952.23        0.16199
         387218.99    3744002.23        0.14499                        387218.99
3744052.23        0.12988
         387218.99    3744102.23        0.11657                        387218.99
3744152.23        0.10508
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:36:55
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000368 , L0000369 , L0000370 , L0000371 , L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 , L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387268.99	3743502.23	0.60894	387268.99	3743552.23	0.52690
387268.99	3743602.23	0.45947	387268.99	3743652.23	0.40221
387268.99	3743702.23	0.35541	387268.99	3743752.23	0.31695
387268.99	3743802.23	0.28354	387268.99	3743852.23	0.25256
387268.99	3743902.23	0.22358	387268.99	3743952.23	0.19755
387268.99	3744002.23	0.17472	387268.99	3744052.23	0.15479
387268.99	3744102.23	0.13759	387268.99	3744152.23	0.12299
387318.99	3743552.23	0.77931	387318.99	3743602.23	0.65126
387318.99	3743652.23	0.55083	387318.99	3743702.23	0.47626
387318.99	3743752.23	0.41825	387318.99	3743802.23	0.36876
387318.99	3743852.23	0.32326	387318.99	3743902.23	0.28148
387318.99	3743952.23	0.24497	387318.99	3744002.23	0.21368
387318.99	3744052.23	0.18693	387318.99		

3744102.23 0.16440
387318.99 3744152.23 0.14557 387368.99
3743652.23 0.77356
387368.99 3743702.23 0.65673 387368.99
3743752.23 0.56852
387368.99 3743802.23 0.49285 387368.99
3743852.23 0.42345
387368.99 3743902.23 0.36127 387368.99
3743952.23 0.30877
387368.99 3744002.23 0.26508 387357.30
3743511.78 1.25107
387407.30 3743561.78 1.68174 387407.30
3743611.78 1.26611
387453.88 3743868.51 0.66462 387453.88
3743918.51 0.54168
387453.88 3743968.51 0.44697 387453.88
3744018.51 0.37286
387453.88 3744068.51 0.31400 387503.88
3743968.51 0.58847
387503.88 3744018.51 0.47924 387503.88
3744068.51 0.39491
387503.88 3744118.51 0.32950 387553.88
3744068.51 0.49968
387553.88 3744118.51 0.40677 387015.27
3744263.55 0.05267
387015.27 3744313.55 0.04906 387015.27
3744363.55 0.04580
387015.27 3744413.55 0.04291 387015.27
3744463.55 0.04033
387015.27 3744513.55 0.03807 387015.27
3744563.55 0.03604
387015.27 3744613.55 0.03423 387015.27
3744663.55 0.03258
387015.27 3744713.55 0.03108 387015.27
3744763.55 0.02970
387015.27 3744813.55 0.02843 387015.27
3744863.55 0.02724
387065.27 3744263.55 0.05838 387065.27
3744313.55 0.05418
387065.27 3744363.55 0.05042 387065.27
3744413.55 0.04711
387065.27 3744463.55 0.04419 387065.27
3744513.55 0.04161
387065.27 3744563.55 0.03931 387065.27
3744613.55 0.03725
387065.27 3744663.55 0.03537 387065.27
3744713.55 0.03366
387065.27 3744763.55 0.03209 387065.27
3744813.55 0.03064
387065.27 3744863.55 0.02930 387115.27

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                   INCLUDING SOURCE(S):   L0000368   , L0000369
, L0000370   , L0000371   , L0000372   ,
                  L0000373   , L0000374   , L0000375   , L0000376   , L0000377
, L0000378   , L0000379   , L0000380   ,
                  L0000381   , L0000382   , L0000383   , L0000384   , L0000385
, L0000386   , L0000387   , L0000388   ,
                  L0000389   , L0000390   , L0000391   , L0000392   , L0000393
, L0000394   , L0000395   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         387115.27   3744513.55   0.04579   387115.27
3744563.55   0.04314
         387115.27   3744613.55   0.04075   387115.27
3744663.55   0.03860
         387115.27   3744713.55   0.03663   387115.27
3744763.55   0.03483
         387115.27   3744813.55   0.03318   387115.27
3744863.55   0.03165
         387165.27   3744263.55   0.07365   387165.27
3744313.55   0.06776
         387165.27   3744363.55   0.06262   387165.27
3744413.55   0.05813
         387165.27   3744463.55   0.05420   387165.27
3744513.55   0.05074
         387165.27   3744563.55   0.04764   387165.27
3744613.55   0.04485

387165.27 3744663.55 0.04235 387165.27
3744713.55 0.04006
387165.27 3744763.55 0.03799 387165.27
3744813.55 0.03609
387165.27 3744863.55 0.03433 387215.27
3744263.55 0.08394
387215.27 3744313.55 0.07683 387215.27
3744363.55 0.07067
387215.27 3744413.55 0.06536 387215.27
3744463.55 0.06071
387215.27 3744513.55 0.05661 387215.27
3744563.55 0.05296
387215.27 3744613.55 0.04967 387215.27
3744663.55 0.04672
387215.27 3744713.55 0.04405 387215.27
3744763.55 0.04163
387215.27 3744813.55 0.03942 387215.27
3744863.55 0.03740
387265.27 3744263.55 0.09662 387265.27
3744313.55 0.08793
387265.27 3744363.55 0.08049 387265.27
3744413.55 0.07409
387265.27 3744463.55 0.06850 387265.27
3744513.55 0.06359
387265.27 3744563.55 0.05922 387265.27
3744613.55 0.05533
387265.27 3744663.55 0.05184 387265.27
3744713.55 0.04869
387265.27 3744763.55 0.04585 387265.27
3744813.55 0.04326
387265.27 3744863.55 0.04090 387315.27
3744263.55 0.11227
387315.27 3744313.55 0.10154 387315.27
3744363.55 0.09242
387315.27 3744413.55 0.08460 387315.27
3744463.55 0.07781
387315.27 3744513.55 0.07185 387315.27
3744563.55 0.06659
387315.27 3744613.55 0.06192 387315.27
3744663.55 0.05776
387315.27 3744713.55 0.05401 387315.27
3744763.55 0.05065
387315.27 3744813.55 0.04762 387315.27
3744863.55 0.04485
387365.27 3744263.55 0.13160 387365.27
3744313.55 0.11819
387365.27 3744363.55 0.10686 387365.27
3744413.55 0.09721
387365.27 3744463.55 0.08886 387365.27
3744513.55 0.08159

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         387365.27    3744563.55        0.07520                      387365.27
3744613.55        0.06956
         387365.27    3744663.55        0.06459                      387365.27
3744713.55        0.06013
         387365.27    3744763.55        0.05614                      387365.27
3744813.55        0.05256
         387365.27    3744863.55        0.04932                      387415.27
3744313.55        0.13841
         387415.27    3744363.55        0.12421                      387415.27
3744413.55        0.11218
         387415.27    3744463.55        0.10185                      387415.27
3744513.55        0.09295
         387415.27    3744563.55        0.08517                      387415.27
3744613.55        0.07834
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:36:55

                                    PAGE 499
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL     ***
                                    INCLUDING SOURCE(S):     L0000368    , L0000369
, L0000370    , L0000371    , L0000372    ,
                  L0000373    , L0000374    , L0000375    , L0000376    , L0000377
, L0000378    , L0000379    , L0000380    ,
                  L0000381    , L0000382    , L0000383    , L0000384    , L0000385
, L0000386    , L0000387    , L0000388    ,
                  L0000389    , L0000390    , L0000391    , L0000392    , L0000393
, L0000394    , L0000395    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         387415.27    3744663.55        0.07236                      387415.27
3744713.55        0.06704
         387415.27    3744763.55        0.06231                      387415.27
3744813.55        0.05808
         387415.27    3744863.55        0.05428                      387465.27
3744513.55        0.10594
         387465.27    3744563.55        0.09649                      387465.27
```

3744613.55 0.08825
387465.27 3744663.55 0.08106 387465.27
3744713.55 0.07472
387465.27 3744763.55 0.06913 387465.27
3744813.55 0.06416
387465.27 3744863.55 0.05971 387515.27
3744663.55 0.09055
387515.27 3744713.55 0.08305 387515.27
3744763.55 0.07647
387515.27 3744813.55 0.07067 387515.27
3744863.55 0.06552
387565.27 3744813.55 0.07744 387565.27
3744863.55 0.07153
387524.44 3742913.36 0.11094 387574.44
3742963.36 0.14861
387574.44 3743013.36 0.19033 387624.44
3742963.36 0.15708
387624.44 3743013.36 0.19960 387624.44
3743063.36 0.26131
387674.44 3742963.36 0.16292 387674.44
3743013.36 0.20425
387674.44 3743063.36 0.26119 387674.44
3743113.36 0.33914
387724.44 3742963.36 0.16602 387724.44
3743013.36 0.20453
387724.44 3743063.36 0.25464 387724.44
3743113.36 0.31819
387774.44 3742963.36 0.16661 387774.44
3743013.36 0.20129
387774.44 3743063.36 0.24377 387774.44
3743113.36 0.29358
387774.44 3743163.36 0.34822 387824.44
3742963.36 0.16503
387824.44 3743013.36 0.19528 387824.44
3743063.36 0.23008
387824.44 3743113.36 0.26801 387824.44
3743163.36 0.30688
387824.44 3743213.36 0.34483 387874.44
3742963.36 0.16156
387874.44 3743013.36 0.18711 387874.44
3743063.36 0.21479
387874.44 3743113.36 0.24332 387874.44
3743163.36 0.27164
387874.44 3743213.36 0.29953 387874.44
3743263.36 0.32736
387924.44 3742963.36 0.15642 387924.44
3743013.36 0.17740
387924.44 3743063.36 0.19906 387924.44
3743113.36 0.22070
387924.44 3743163.36 0.24217 387924.44

3743213.36   0.26388
         387924.44   3743263.36   0.28615   387924.44
3743313.36   0.30921
         387974.44   3742963.36   0.15001   387974.44
3743013.36   0.16693
         387974.44   3743063.36   0.18388   387974.44
3743113.36   0.20070
         387974.44   3743163.36   0.21767   387974.44
3743213.36   0.23515
         387974.44   3743263.36   0.25310   387974.44
3743313.36   0.27119
         387974.44   3743363.36   0.28937   388024.44
3742963.36   0.14281
         388024.44   3743013.36   0.15639   388024.44
3743063.36   0.16983
         388024.44   3743113.36   0.18329   388024.44
3743163.36   0.19707
         388024.44   3743213.36   0.21124   388024.44
3743263.36   0.22546
         388024.44   3743313.36   0.23918   388024.44
3743363.36   0.25251
         388024.44   3743413.36   0.26609   388074.44
3742963.36   0.13528
 *** AERMOD - VERSION 24142 ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***   08/25/25
 *** AERMET - VERSION 22112 ***   ***
                         ***   14:36:55

                                    PAGE 500
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                    INCLUDING SOURCE(S):   L0000368   , L0000369
, L0000370   , L0000371   , L0000372   ,
                  L0000373   , L0000374   , L0000375   , L0000376   , L0000377
, L0000378   , L0000379   , L0000380   ,
                  L0000381   , L0000382   , L0000383   , L0000384   , L0000385
, L0000386   , L0000387   , L0000388   ,
                  L0000389   , L0000390   , L0000391   , L0000392   , L0000393
, L0000394   , L0000395   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

- -
- -

388074.44 3743013.36 0.14624 388074.44
3743063.36 0.15711
388074.44 3743113.36 0.16810 388074.44
3743163.36 0.17936
388074.44 3743213.36 0.19070 388074.44
3743263.36 0.20169
388074.44 3743313.36 0.21196 388074.44
3743363.36 0.22170
388074.44 3743413.36 0.23196 388074.44
3743463.36 0.24347
388124.44 3742963.36 0.12777 388124.44
3743013.36 0.13671
388124.44 3743063.36 0.14562 388124.44
3743113.36 0.15458
388124.44 3743163.36 0.16369 388124.44
3743213.36 0.17266
388124.44 3743263.36 0.18099 388124.44
3743313.36 0.18858
388124.44 3743363.36 0.19603 388124.44
3743413.36 0.20381
388174.44 3742963.36 0.12050 388174.44
3743013.36 0.12773
388174.44 3743063.36 0.13510 388174.44
3743113.36 0.14191
388174.44 3743163.36 0.14978 388174.44
3743213.36 0.15667
388174.44 3743263.36 0.16294 388174.44
3743313.36 0.16870
388174.44 3743363.36 0.17424 388174.44
3743413.36 0.17977
388224.44 3742963.36 0.11347 388224.44
3743013.36 0.11936
388224.44 3743063.36 0.12406 388224.44
3743113.36 0.13145
388224.44 3743163.36 0.13722 388224.44
3743213.36 0.14249
388224.44 3743263.36 0.14716 388224.44
3743313.36 0.15142
388224.44 3743363.36 0.15568 388274.44
3742963.36 0.10688
388274.44 3743013.36 0.11175 387475.71
3743311.02 5.31344
387490.71 3743311.02 5.20049 387451.13
3743316.16 6.42319
387379.86 3743317.08 6.23726 387399.86
3743317.08 6.43013
387419.86 3743317.08 6.55334 387439.86
3743317.08 6.62753

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         387019.21    3742972.33        0.05432                      387019.21
3743022.33        0.06261
         387019.21    3743072.33        0.07313                      387019.21
3743122.33        0.08612
         387019.21    3743172.33        0.10122                      387019.21
3743222.33        0.11715
         387019.21    3743272.33        0.13244                      387019.21
3743322.33        0.14587
         387069.21    3742972.33        0.05860                      387069.21
3743022.33        0.06813
         387069.21    3743072.33        0.08057                      387069.21
3743122.33        0.09673
         387069.21    3743172.33        0.11693                      387069.21
3743222.33        0.14000
         387069.21    3743272.33        0.16313                      387069.21
3743322.33        0.18330
         387119.21    3742972.33        0.06355                      387119.21
3743022.33        0.07463
         387119.21    3743072.33        0.08945                      387119.21
3743122.33        0.10958
         387119.21    3743172.33        0.13669                      387119.21
3743222.33        0.17106
         387119.21    3743272.33        0.20898                      387119.21
3743322.33        0.24272
         387169.21    3742972.33        0.06917                      387169.21
3743022.33        0.08223
         387169.21    3743072.33        0.10010                      387169.21
3743122.33        0.12534
         387169.21    3743172.33        0.16186                      387169.21
3743222.33        0.21413
         387169.21    3743272.33        0.28231                      387169.21
3743322.33        0.34980
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 501
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL     ***
                                   INCLUDING SOURCE(S):     L0000368    , L0000369
, L0000370    , L0000371    , L0000372    ,
                  L0000373    , L0000374    , L0000375    , L0000376    , L0000377
, L0000378    , L0000379    , L0000380    ,
                  L0000381    , L0000382    , L0000383    , L0000384    , L0000385
, L0000386    , L0000387    , L0000388    ,
                  L0000389    , L0000390    , L0000391    , L0000392    , L0000393
, L0000394    , L0000395    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387219.21	3742972.33	0.07556	387219.21	3743022.33	0.09107
387219.21	3743072.33	0.11283	387219.21	3743122.33	0.14484
387219.21	3743172.33	0.19450	387219.21	3743222.33	0.27515
387219.21	3743272.33	0.40850	387219.21	3743322.33	0.59025
387269.21	3742972.33	0.08306	387269.21	3743022.33	0.10159
387269.21	3743072.33	0.12835	387269.21	3743122.33	0.16935
387269.21	3743172.33	0.23751	387269.21	3743222.33	0.36368
387269.21	3743272.33	0.64036	387269.21	3743322.33	1.44156
387319.21	3742972.33	0.09210	387319.21	3743022.33	0.11448
387319.21	3743072.33	0.14788	387319.21	3743122.33	0.20144
387319.21	3743172.33	0.29693	387319.21	3743222.33	0.49817
387319.21	3743272.33	1.08664	387319.21	3743322.33	5.54616
387369.21	3742972.33	0.10287	387369.21	3743022.33	0.12990
387369.21	3743072.33	0.17148	387369.21	3743122.33	0.24086
387369.21	3743172.33	0.37123	387369.21	3743222.33	0.66726
387369.21	3743272.33	1.60893	387419.21	3742972.33	0.11529
387419.21	3743022.33	0.14740	387419.21	3743072.33	0.19755
387419.21	3743122.33	0.28264	387419.21	3743172.33	0.44512
387419.21	3743222.33	0.81422	387419.21	3743272.33	1.91290
387469.21	3743072.33	0.22422	387469.21		

3743122.33   0.32264
         387469.21   3743172.33   0.50783   387469.21
3743222.33   0.90808
         387469.21   3743272.33   2.00797   387578.38
3743390.44   2.64825
         387608.38   3743390.44   1.67239   387638.38
3743390.44   1.22743
         387369.87   3743365.20   8.57269   387399.87
3743365.20   8.79385
         387429.87   3743365.20   9.00409   387459.87
3743365.20   9.41583
         387489.87   3743365.20   11.14392   387489.87
3743395.20   9.18068
         388754.52   3743939.25   0.02148   388754.52
3743989.25   0.02031
         388754.52   3744039.25   0.01983   388754.52
3744089.25   0.02198
         388754.52   3744139.25   0.02141   388754.52
3744189.25   0.02079
         388804.52   3743889.25   0.02085   388804.52
3743939.25   0.01952
         388804.52   3743989.25   0.01848   388804.52
3744039.25   0.01766
         388804.52   3744089.25   0.01734   388804.52
3744139.25   0.01982
         388804.52   3744189.25   0.01934   388804.52
3744239.25   0.01886
         388804.52   3744289.25   0.01843   388854.52
3743889.25   0.01921
         388854.52   3743939.25   0.01804   388854.52
3743989.25   0.01713
         388854.52   3744039.25   0.01638   388854.52
3744089.25   0.01577
         388854.52   3744139.25   0.01639   388854.52
3744189.25   0.01805
         388854.52   3744239.25   0.01762   388854.52
3744289.25   0.01724
         388854.52   3744339.25   0.01691   388904.52
3743889.25   0.01781
         388904.52   3743939.25   0.01679   388904.52
3743989.25   0.01596

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000368 , L0000369
, L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377
, L0000378 , L0000379 , L0000380 ,
L0000381 , L0000382 , L0000383 , L0000384 , L0000385
, L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393
, L0000394 , L0000395 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388904.52	3744039.25	0.01527	388904.52	3744089.25	0.01469
388904.52	3744139.25	0.01422	388904.52	3744189.25	0.01437
388904.52	3744239.25	0.01464	388904.52	3744289.25	0.01498
388904.52	3744339.25	0.01588	388904.52	3744389.25	0.01558
388904.52	3744439.25	0.01533	388954.52	3743939.25	0.01567
388954.52	3743989.25	0.01488	388954.52	3744039.25	0.01423
388954.52	3744089.25	0.01369	388954.52	3744139.25	0.01322
388882.82	3743721.97	0.02316	388882.82	3743771.97	0.02150
388932.82	3743721.97	0.02122	388932.82	3743771.97	0.01981
388932.82	3743821.97	0.01852	387765.02	3743382.77	0.59316
387815.02	3743382.77	0.49100	387815.02	3743432.77	0.54687
387865.02	3743382.77	0.41427	387865.02	3743432.77	0.45253
387915.02	3743382.77	0.35357	387915.02	3743432.77	0.38089
387965.02	3743432.77	0.32392	387713.39	3743372.67	0.73220
387763.39	3743422.67	0.66049	387583.29	3743113.63	0.35406

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         387583.29    3743163.63        0.51280                    387583.29
3743213.63        0.78059
         387583.29    3743263.63        1.25839                    387633.29
3743163.63        0.48144
         387633.29    3743213.63        0.66952                    387633.29
3743263.63        0.91976
         387633.29    3743313.63        1.15581                    387683.29
3743263.63        0.68771
         387683.29    3743313.63        0.78994                    388242.48
3743969.33        0.08015
         388242.48    3744019.33        0.07366                    388242.48
3744069.33        0.06912
         388242.48    3744119.33        0.06566                    388242.48
3744169.33        0.06308
         388242.48    3744219.33        0.06099                    388242.48
3744269.33        0.05896
         388242.48    3744319.33        0.05751                    388242.48
3744369.33        0.05653
         388242.48    3744419.33        0.05576                    388242.48
3744469.33        0.05513
         388292.48    3743969.33        0.06784                    388292.48
3744019.33        0.06279
         388292.48    3744069.33        0.05907                    388292.48
3744119.33        0.05619
         388292.48    3744169.33        0.05398                    388292.48
3744219.33        0.05215
         388292.48    3744269.33        0.05057                    388292.48
3744319.33        0.04896
         388292.48    3744369.33        0.04812                    388292.48
3744419.33        0.04750
         388292.48    3744469.33        0.04686                    388292.48
3744519.33        0.04619
         388292.48    3744569.33        0.04566                    388780.42
3742965.27        0.06003
         388780.42    3743015.27        0.05960                    388780.42
3743065.27        0.05866
         388780.42    3743115.27        0.05731                    388780.42
3743165.27        0.05560
         388780.42    3743215.27        0.05353                    388830.42
3742965.27        0.05625
         388830.42    3743015.27        0.05549                    388830.42
3743065.27        0.05436
         388830.42    3743115.27        0.05283                    388830.42
3743165.27        0.05093
         388880.42    3742965.27        0.05265                    388880.42
3743015.27        0.05160
         388880.42    3743065.27        0.05026                    388880.42
3743115.27        0.04858
         388880.42    3743165.27        0.04661                    388930.42
3742965.27        0.04913
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000368 , L0000369
, L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377
, L0000378 , L0000379 , L0000380 ,
L0000381 , L0000382 , L0000383 , L0000384 , L0000385
, L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393
, L0000394 , L0000395 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388930.42	3743015.27	0.04790	388930.42	3743065.27	0.04642
388930.42	3743115.27	0.04466	388930.42	3743165.27	0.04268

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 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   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387507.26	3743641.71	3.09426	387507.26	3743691.71	2.30233
387507.26	3743741.71	1.95539	387507.26	3743791.71	1.64900
387507.26	3743841.71	1.34651	387557.26	3743641.71	4.51469
387557.26	3743691.71	3.93403	387557.26	3743741.71	3.70103
387557.26	3743791.71	2.94434	387557.26	3743841.71	2.12922
387557.26	3743891.71	1.59531	387557.26	3743941.71	1.26334
387557.26	3743991.71	1.03155	387607.26	3743841.71	3.97885
387607.26	3743891.71	2.44192	387607.26	3743941.71	1.79213
387607.26	3743991.71	1.39177	387607.26	3744041.71	1.08585
387607.26	3744091.71	0.86362	387657.26	3743841.71	7.22440
387657.26	3743891.71	3.50290	387657.26	3743941.71	2.46977
387657.26	3743991.71	1.86298	387657.26	3744041.71	1.39267
387657.26	3744091.71	1.06918	387657.26	3744141.71	0.85032
387707.26	3743841.71	9.18114	387707.26	3743891.71	4.56350
387707.26	3743941.71	3.47430	387707.26	3743991.71	2.61383
387707.26	3744041.71	1.84686	387707.26	3744091.71	1.35894
387707.26	3744141.71	1.04742	387757.26	3743841.71	10.82937
387757.26	3743891.71	7.82543	387757.26	3743941.71	7.02344
387757.26	3743991.71	5.00048	387757.26	3744041.71	2.81284

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         387757.26    3744091.71        1.84122                        387757.26
3744141.71        1.33369
         387862.10    3744056.02        4.30210                        387862.10
3744106.02        2.70762
         387912.10    3744056.02        4.29628                        387912.10
3744106.02        2.80891
         387962.10    3744056.02        4.17495                        387962.10
3744106.02        2.74310
         388012.10    3744056.02        3.97052                        388012.10
3744106.02        2.61448
         388062.10    3744056.02        3.63825                        388062.10
3744106.02        2.39851
         387863.31    3744015.45        7.73675                        387913.31
3744015.45        7.54710
         387963.31    3744015.45        7.34378                        388013.31
3744015.45        6.98750
         388063.31    3744015.45        6.39478                        387826.23
3744056.86        3.96879
         387826.23    3744106.86        2.42004                        387827.44
3744016.29        7.52979
         387689.52    3743645.82        3.05829                        387689.52
3743695.82        3.29103
         387689.52    3743745.82        4.27221                        387739.52
3743645.82        1.71440
         387739.52    3743695.82        2.10671                        387739.52
3743745.82        3.24153
         387789.52    3743645.82        1.34283                        387789.52
3743695.82        1.77865
         387789.52    3743745.82        2.96803                        387839.52
3743645.82        1.20917
         387839.52    3743695.82        1.67239                        387839.52
3743745.82        2.76503
         387889.52    3743645.82        1.15524                        387889.52
3743695.82        1.62850
         387889.52    3743745.82        2.62261                        387939.52
3743695.82        1.60351
         387939.52    3743745.82        2.59283                        387989.52
3743745.82        2.58737
         387692.61    3743778.61        6.55619                        387742.61
3743778.61        5.72814
         387792.61    3743778.61        5.30317                        387842.61
3743778.61        4.30144
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 505
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): 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 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387892.61	3743778.61	4.02532	387942.61	3743778.61	4.04004
387992.61	3743778.61	4.04455	387654.54	3743692.47	5.97480
387654.54	3743742.47	6.42275	387705.59	3744244.86	0.67243
387705.59	3744294.86	0.56390	387755.59	3744244.86	0.80390
387755.59	3744294.86	0.66199	387755.59	3744344.86	0.55590
387755.59	3744394.86	0.47472	387805.59	3744294.86	0.77700
387805.59	3744344.86	0.64286	387805.59	3744394.86	0.54237
387805.59	3744444.86	0.46459	387805.59	3744494.86	0.40298
387805.59	3744544.86	0.35314	387855.59	3744444.86	0.52108
387855.59	3744494.86	0.44863	387855.59	3744544.86	0.39067
387855.59	3744594.86	0.34340	387905.59	3744544.86	0.42519
387905.59	3744594.86	0.37242	387905.59	3744644.86	0.32889
387905.59	3744694.86	0.29276	387955.59	3744644.86	0.34918
387463.28	3744230.92	0.31071	387463.28	3744280.92	0.27210
387463.28	3744330.92	0.24093	387513.28		

3744230.92 0.36637
387513.28 3744280.92 0.31786 387513.28
3744330.92 0.27947
387513.28 3744380.92 0.24817 387513.28
3744430.92 0.22267
387513.28 3744480.92 0.20117 387563.28
3744230.92 0.43354
387563.28 3744280.92 0.37225 387563.28
3744330.92 0.32504
387563.28 3744380.92 0.28689 387563.28
3744430.92 0.25538
387563.28 3744480.92 0.22918 387563.28
3744530.92 0.20730
387563.28 3744580.92 0.18847 387563.28
3744630.92 0.17222
387613.28 3744230.92 0.51383 387613.28
3744280.92 0.43750
387613.28 3744330.92 0.37851 387613.28
3744380.92 0.33147
387613.28 3744430.92 0.29326 387613.28
3744480.92 0.26171
387613.28 3744530.92 0.23506 387613.28
3744580.92 0.21242
387613.28 3744630.92 0.19299 387613.28
3744680.92 0.17626
387663.28 3744330.92 0.44099 387663.28
3744380.92 0.38271
387663.28 3744430.92 0.33594 387663.28
3744480.92 0.29758
387663.28 3744530.92 0.26545 387663.28
3744580.92 0.23839
387663.28 3744630.92 0.21537 387663.28
3744680.92 0.19562
387713.28 3744480.92 0.33663 387713.28
3744530.92 0.29820
387713.28 3744580.92 0.26612 387713.28
3744630.92 0.23903
387713.28 3744680.92 0.21605 387763.28
3744580.92 0.29582
387763.28 3744630.92 0.26432 387763.28
3744680.92 0.23766
387813.28 3744680.92 0.26032 387465.01
3744212.81 0.32904
387515.01 3744212.81 0.38927 387565.01
3744212.81 0.46248
387615.01 3744212.81 0.55021 387436.03
3744192.12 0.31692
386968.99 3743502.23 0.16776 386968.99
3743552.23 0.16539
386968.99 3743602.23 0.16148 386968.99

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 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 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386968.99	3743702.23	0.15266	386968.99	3743752.23	0.14842
386968.99	3743802.23	0.14413	386968.99	3743852.23	0.13979
386968.99	3743902.23	0.13524	386968.99	3743952.23	0.12980
386968.99	3744002.23	0.12292	386968.99	3744052.23	0.11481
386968.99	3744102.23	0.10661	386968.99	3744152.23	0.09950
387018.99	3743502.23	0.19484	387018.99	3743552.23	0.19091
387018.99	3743602.23	0.18545	387018.99	3743652.23	0.17949
387018.99	3743702.23	0.17374	387018.99	3743752.23	0.16825
387018.99	3743802.23	0.16279	387018.99	3743852.23	0.15734
387018.99	3743902.23	0.15163	387018.99	3743952.23	0.14493

387018.99 3744002.23 0.13662 387018.99
3744052.23 0.12702
387018.99 3744102.23 0.11755 387018.99
3744152.23 0.10953
387068.99 3743502.23 0.23032 387068.99
3743552.23 0.22398
387068.99 3743602.23 0.21651 387068.99
3743652.23 0.20847
387068.99 3743702.23 0.20068 387068.99
3743752.23 0.19334
387068.99 3743802.23 0.18622 387068.99
3743852.23 0.17921
387068.99 3743902.23 0.17192 387068.99
3743952.23 0.16350
387068.99 3744002.23 0.15331 387068.99
3744052.23 0.14181
387068.99 3744102.23 0.13075 387068.99
3744152.23 0.12161
387118.99 3743502.23 0.27773 387118.99
3743552.23 0.26870
387118.99 3743602.23 0.25823 387118.99
3743652.23 0.24697
387118.99 3743702.23 0.23603 387118.99
3743752.23 0.22586
387118.99 3743802.23 0.21627 387118.99
3743852.23 0.20701
387118.99 3743902.23 0.19746 387118.99
3743952.23 0.18664
387118.99 3744002.23 0.17391 387118.99
3744052.23 0.15995
387118.99 3744102.23 0.14689 387118.99
3744152.23 0.13629
387168.99 3743502.23 0.34780 387168.99
3743552.23 0.33303
387168.99 3743602.23 0.31694 387168.99
3743652.23 0.30003
387168.99 3743702.23 0.28382 387168.99
3743752.23 0.26914
387168.99 3743802.23 0.25573 387168.99
3743852.23 0.24307
387168.99 3743902.23 0.23017 387168.99
3743952.23 0.21591
387168.99 3744002.23 0.19972 387168.99
3744052.23 0.18247
387168.99 3744102.23 0.16681 387168.99
3744152.23 0.15424
387218.99 3743502.23 0.46255 387218.99
3743552.23 0.43301
387218.99 3743602.23 0.40396 387218.99
3743652.23 0.37573

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 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 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387268.99	3743502.23	0.67089	387268.99	3743552.23	0.59678
387268.99	3743602.23	0.53673	387268.99	3743652.23	0.48562
387268.99	3743702.23	0.44392	387268.99	3743752.23	0.40999
387268.99	3743802.23	0.38102	387268.99	3743852.23	0.35467
387268.99	3743902.23	0.32891	387268.99	3743952.23	0.30233
387268.99	3744002.23	0.27443	387268.99		

3744052.23 0.24683
387268.99 3744102.23 0.22303 387268.99
3744152.23 0.20373
387318.99 3743552.23 0.85462 387318.99
3743602.23 0.73626
387318.99 3743652.23 0.64448 387318.99
3743702.23 0.57714
387318.99 3743752.23 0.52530 387318.99
3743802.23 0.48156
387318.99 3743852.23 0.44195 387318.99
3743902.23 0.40411
387318.99 3743952.23 0.36662 387318.99
3744002.23 0.32896
387318.99 3744052.23 0.29307 387318.99
3744102.23 0.26267
387318.99 3744152.23 0.23762 387368.99
3743652.23 0.87899
387368.99 3743702.23 0.77262 387368.99
3743752.23 0.69324
387368.99 3743802.23 0.62538 387368.99
3743852.23 0.56367
387368.99 3743902.23 0.50640 387368.99
3743952.23 0.45231
387368.99 3744002.23 0.40056 387357.30
3743511.78 1.32192
387407.30 3743561.78 1.77045 387407.30
3743611.78 1.36958
387453.88 3743868.51 0.86301 387453.88
3743918.51 0.74432
387453.88 3743968.51 0.64312 387453.88
3744018.51 0.55407
387453.88 3744068.51 0.47709 387503.88
3743968.51 0.83496
387503.88 3744018.51 0.70462 387503.88
3744068.51 0.59406
387503.88 3744118.51 0.50461 387553.88
3744068.51 0.74782
387553.88 3744118.51 0.61901 387015.27
3744263.55 0.09659
387015.27 3744313.55 0.09169 387015.27
3744363.55 0.08604
387015.27 3744413.55 0.07983 387015.27
3744463.55 0.07374
387015.27 3744513.55 0.06842 387015.27
3744563.55 0.06409
387015.27 3744613.55 0.06063 387015.27
3744663.55 0.05772
387015.27 3744713.55 0.05514 387015.27
3744763.55 0.05276
387015.27 3744813.55 0.05051 387015.27

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3744863.55        0.04838
         387065.27    3744263.55        0.10632                       387065.27
3744313.55        0.10003
         387065.27    3744363.55        0.09296                       387065.27
3744413.55        0.08568
         387065.27    3744463.55        0.07901                       387065.27
3744513.55        0.07344
         387065.27    3744563.55        0.06895                       387065.27
3744613.55        0.06526
         387065.27    3744663.55        0.06205                       387065.27
3744713.55        0.05913
         387065.27    3744763.55        0.05640                       387065.27
3744813.55        0.05386
         387065.27    3744863.55        0.05149                       387115.27
3744263.55        0.11763
         387115.27    3744313.55        0.10953                       387115.27
3744363.55        0.10088
         387115.27    3744413.55        0.09256                       387115.27
3744463.55        0.08535
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 508
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     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    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         387115.27    3744513.55        0.07947                       387115.27
3744563.55        0.07469
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         387115.27    3744613.55        0.07061                    387115.27
3744663.55        0.06697
         387115.27    3744713.55        0.06361                    387115.27
3744763.55        0.06050
         387115.27    3744813.55        0.05764                    387115.27
3744863.55        0.05501
         387165.27    3744263.55        0.13080                    387165.27
3744313.55        0.12049
         387165.27    3744363.55        0.11014                    387165.27
3744413.55        0.10080
         387165.27    3744463.55        0.09303                    387165.27
3744513.55        0.08670
         387165.27    3744563.55        0.08141                    387165.27
3744613.55        0.07676
         387165.27    3744663.55        0.07256                    387165.27
3744713.55        0.06871
         387165.27    3744763.55        0.06518                    387165.27
3744813.55        0.06196
         387165.27    3744863.55        0.05902                    387215.27
3744263.55        0.14628
         387215.27    3744313.55        0.13336                    387215.27
3744363.55        0.12122
         387215.27    3744413.55        0.11082                    387215.27
3744463.55        0.10232
         387215.27    3744513.55        0.09530                    387215.27
3744563.55        0.08926
         387215.27    3744613.55        0.08386                    387215.27
3744663.55        0.07900
         387215.27    3744713.55        0.07457                    387215.27
3744763.55        0.07055
         387215.27    3744813.55        0.06691                    387215.27
3744863.55        0.06361
         387265.27    3744263.55        0.16464                    387265.27
3744313.55        0.14875
         387265.27    3744363.55        0.13469                    387265.27
3744413.55        0.12304
         387265.27    3744463.55        0.11349                    387265.27
3744513.55        0.10544
         387265.27    3744563.55        0.09841                    387265.27
3744613.55        0.09211
         387265.27    3744663.55        0.08645                    387265.27
3744713.55        0.08134
         387265.27    3744763.55        0.07676                    387265.27
3744813.55        0.07262
         387265.27    3744863.55        0.06888                    387315.27
3744263.55        0.18668
         387315.27    3744313.55        0.16744                    387315.27
3744363.55        0.15117
         387315.27    3744413.55        0.13788                    387315.27
3744463.55        0.12685
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         387315.27    3744513.55        0.11739                        387315.27
3744563.55        0.10908
         387315.27    3744613.55        0.10167                        387315.27
3744663.55        0.09508
         387315.27    3744713.55        0.08917                        387315.27
3744763.55        0.08390
         387315.27    3744813.55        0.07919                        387315.27
3744863.55        0.07494
         387365.27    3744263.55        0.21346                        387365.27
3744313.55        0.19034
         387365.27    3744363.55        0.17131                        387365.27
3744413.55        0.15577
         387365.27    3744463.55        0.14272                        387365.27
3744513.55        0.13146
         387365.27    3744563.55        0.12156                        387365.27
3744613.55        0.11281
         387365.27    3744663.55        0.10511                        387365.27
3744713.55        0.09828
         387365.27    3744763.55        0.09222                        387365.27
3744813.55        0.08682
         387365.27    3744863.55        0.08195                        387415.27
3744313.55        0.21841
         387415.27    3744363.55        0.19578                        387415.27
3744413.55        0.17720
         387415.27    3744463.55        0.16150                        387415.27
3744513.55        0.14797
         387415.27    3744563.55        0.13616                        387415.27
3744613.55        0.12582
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:36:55

                                    PAGE 509
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     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    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387415.27	3744663.55	0.11682	387415.27	3744713.55	0.10889
387415.27	3744763.55	0.10187	387415.27	3744813.55	0.09561
387415.27	3744863.55	0.08998	387465.27	3744513.55	0.16727
387465.27	3744563.55	0.15319	387465.27	3744613.55	0.14101
387465.27	3744663.55	0.13045	387465.27	3744713.55	0.12115
387465.27	3744763.55	0.11295	387465.27	3744813.55	0.10565
387465.27	3744863.55	0.09907	387515.27	3744663.55	0.14609
387515.27	3744713.55	0.13511	387515.27	3744763.55	0.12543
387515.27	3744813.55	0.11683	387515.27	3744863.55	0.10912
387565.27	3744813.55	0.12901	387565.27	3744863.55	0.11999
387524.44	3742913.36	0.13695	387574.44	3742963.36	0.17746
387574.44	3743013.36	0.22147	387624.44	3742963.36	0.18691
387624.44	3743013.36	0.23191	387624.44	3743063.36	0.29649
387674.44	3742963.36	0.19382	387674.44	3743013.36	0.23781
387674.44	3743063.36	0.29785	387674.44	3743113.36	0.37941
387724.44	3742963.36	0.19824	387724.44	3743013.36	0.23960
387724.44	3743063.36	0.29303	387724.44	3743113.36	0.36048
387774.44	3742963.36	0.20063	387774.44	3743013.36	0.23837
387774.44	3743063.36	0.28445	387774.44	3743113.36	0.33852
387774.44	3743163.36	0.39827	387824.44	3742963.36	0.20151
387824.44	3743013.36	0.23512	387824.44	3743063.36	0.27388
387824.44	3743113.36	0.31653	387824.44		

3743163.36   0.36110
         387824.44   3743213.36   0.40603   387874.44
3742963.36   0.20098
         387874.44   3743013.36   0.23023   387874.44
3743063.36   0.26232
         387874.44   3743113.36   0.29612   387874.44
3743163.36   0.33084
         387874.44   3743213.36   0.36662   387874.44
3743263.36   0.40432
         387924.44   3742963.36   0.19889   387924.44
3743013.36   0.22396
         387924.44   3743063.36   0.25048   387924.44
3743113.36   0.27798
         387924.44   3743163.36   0.30660   387924.44
3743213.36   0.33718
         387924.44   3743263.36   0.37064   387924.44
3743313.36   0.40808
         387974.44   3742963.36   0.19556   387974.44
3743013.36   0.21699
         387974.44   3743063.36   0.23934   387974.44
3743113.36   0.26270
         387974.44   3743163.36   0.28768   387974.44
3743213.36   0.31513
         387974.44   3743263.36   0.34572   387974.44
3743313.36   0.38017
         387974.44   3743363.36   0.41998   388024.44
3742963.36   0.19157
         388024.44   3743013.36   0.21016   388024.44
3743063.36   0.22961
         388024.44   3743113.36   0.25032   388024.44
3743163.36   0.27303
         388024.44   3743213.36   0.29831   388024.44
3743263.36   0.32667
         388024.44   3743313.36   0.35875   388024.44
3743363.36   0.39649
         388024.44   3743413.36   0.44336   388074.44
3742963.36   0.18721

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010

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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         388074.44    3743013.36        0.20365                       388074.44
3743063.36        0.22109
         388074.44    3743113.36        0.24004                       388074.44
3743163.36        0.26112
         388074.44    3743213.36        0.28477                       388074.44
3743263.36        0.31146
         388074.44    3743313.36        0.34215                       388074.44
3743363.36        0.37890
         388074.44    3743413.36        0.42568                       388074.44
3743463.36        0.48789
         388124.44    3742963.36        0.18246                       388124.44
3743013.36        0.19729
         388124.44    3743063.36        0.21328                       388124.44
3743113.36        0.23090
         388124.44    3743163.36        0.25071                       388124.44
3743213.36        0.27309
         388124.44    3743263.36        0.29844                       388124.44
3743313.36        0.32792
         388124.44    3743363.36        0.36407                       388124.44
3743413.36        0.41030
         388174.44    3742963.36        0.17757                       388174.44
3743013.36        0.19111
         388174.44    3743063.36        0.20608                       388174.44
3743113.36        0.22202
         388174.44    3743163.36        0.24139                       388174.44
3743213.36        0.26238
         388174.44    3743263.36        0.28633                       388174.44
3743313.36        0.31464
         388174.44    3743363.36        0.34952                       388174.44
3743413.36        0.39412
         388224.44    3742963.36        0.17300                       388224.44
3743013.36        0.18559
         388224.44    3743063.36        0.19749                       388224.44
3743113.36        0.21536
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         388224.44    3743163.36        0.23284                      388224.44
3743213.36        0.25248
         388224.44    3743263.36        0.27506                      388224.44
3743313.36        0.30205
         388224.44    3743363.36        0.33595                      388274.44
3742963.36        0.16903
         388274.44    3743013.36        0.18087                      387475.71
3743311.02        5.36242
         387490.71    3743311.02        5.25040                      387451.13
3743316.16        6.47125
         387379.86    3743317.08        6.28159                      387399.86
3743317.08        6.47547
         387419.86    3743317.08        6.59974                      387439.86
3743317.08        6.67504
         387019.21    3742972.33        0.07413                      387019.21
3743022.33        0.08367
         387019.21    3743072.33        0.09560                      387019.21
3743122.33        0.11020
         387019.21    3743172.33        0.12715                      387019.21
3743222.33        0.14528
         387019.21    3743272.33        0.16319                      387019.21
3743322.33        0.17974
         387069.21    3742972.33        0.07892                      387069.21
3743022.33        0.08975
         387069.21    3743072.33        0.10365                      387069.21
3743122.33        0.12148
         387069.21    3743172.33        0.14359                      387069.21
3743222.33        0.16891
         387069.21    3743272.33        0.19473                      387069.21
3743322.33        0.21813
         387119.21    3742972.33        0.08444                      387119.21
3743022.33        0.09686
         387119.21    3743072.33        0.11320                      387119.21
3743122.33        0.13507
         387119.21    3743172.33        0.16417                      387119.21
3743222.33        0.20086
         387119.21    3743272.33        0.24155                      387119.21
3743322.33        0.27863
         387169.21    3742972.33        0.09073                      387169.21
3743022.33        0.10517
         387169.21    3743072.33        0.12461                      387169.21
3743122.33        0.15166
         387169.21    3743172.33        0.19026                      387169.21
3743222.33        0.24495
         387169.21    3743272.33        0.31598                      387169.21
3743322.33        0.38693
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:36:55
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): 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 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387219.21	3742972.33	0.09787	387219.21	3743022.33	0.11480
387219.21	3743072.33	0.13820	387219.21	3743122.33	0.17210
387219.21	3743172.33	0.22393	387219.21	3743222.33	0.30711
387219.21	3743272.33	0.44344	387219.21	3743322.33	0.62879
387269.21	3742972.33	0.10621	387269.21	3743022.33	0.12623
387269.21	3743072.33	0.15470	387269.21	3743122.33	0.19767
387269.21	3743172.33	0.26812	387269.21	3743222.33	0.39695
387269.21	3743272.33	0.67677	387269.21	3743322.33	1.48173
387319.21	3742972.33	0.11617	387319.21	3743022.33	0.14012
387319.21	3743072.33	0.17533	387319.21	3743122.33	0.23097
387319.21	3743172.33	0.32888	387319.21	3743222.33	0.53295
387319.21	3743272.33	1.12475	387319.21	3743322.33	5.58824
387369.21	3742972.33	0.12794	387369.21		

3743022.33 0.15664
387369.21 3743072.33 0.20014 387369.21
3743122.33 0.27174
387369.21 3743172.33 0.40469 387369.21
3743222.33 0.70374
387369.21 3743272.33 1.64899 387419.21
3742972.33 0.14140
387419.21 3743022.33 0.17531 387419.21
3743072.33 0.22752
387419.21 3743122.33 0.31500 387419.21
3743172.33 0.48025
387419.21 3743222.33 0.85262 387419.21
3743272.33 1.95517
387469.21 3743072.33 0.25558 387469.21
3743122.33 0.35659
387469.21 3743172.33 0.54479 387469.21
3743222.33 0.94860
387469.21 3743272.33 2.05271 387578.38
3743390.44 2.71687
387608.38 3743390.44 1.74421 387638.38
3743390.44 1.30264
387369.87 3743365.20 8.62141 387399.87
3743365.20 8.84429
387429.87 3743365.20 9.05641 387459.87
3743365.20 9.47019
387489.87 3743365.20 11.20050 387489.87
3743395.20 9.24168
388754.52 3743939.25 0.07998 388754.52
3743989.25 0.07210
388754.52 3744039.25 0.06837 388754.52
3744089.25 0.07185
388754.52 3744139.25 0.06882 388754.52
3744189.25 0.06583
388804.52 3743889.25 0.07829 388804.52
3743939.25 0.06966
388804.52 3743989.25 0.06311 388804.52
3744039.25 0.05829
388804.52 3744089.25 0.05618 388804.52
3744139.25 0.06185
388804.52 3744189.25 0.05952 388804.52
3744239.25 0.05739
388804.52 3744289.25 0.05561 388854.52
3743889.25 0.06938
388854.52 3743939.25 0.06218 388854.52
3743989.25 0.05666
388854.52 3744039.25 0.05251 388854.52
3744089.25 0.04941
388854.52 3744139.25 0.05159 388854.52
3744189.25 0.05417
388854.52 3744239.25 0.05227 388854.52

3744289.25   0.05071
         388854.52   3744339.25   0.04946   388904.52
3743889.25   0.06211
         388904.52   3743939.25   0.05611   388904.52
3743989.25   0.05133

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   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   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         388904.52   3744039.25   0.04768   388904.52
3744089.25   0.04488
         388904.52   3744139.25   0.04268   388904.52
3744189.25   0.04285
         388904.52   3744239.25   0.04391   388904.52
3744289.25   0.04471
         388904.52   3744339.25   0.04541   388904.52
3744389.25   0.04438
         388904.52   3744439.25   0.04351   388954.52
3743939.25   0.05092
         388954.52   3743989.25   0.04664   388954.52
3744039.25   0.04340
         388954.52   3744089.25   0.04086   388954.52
3744139.25   0.03879
         388882.82   3743721.97   0.09118   388882.82
3743771.97   0.08339

388932.82 3743721.97 0.08074 388932.82
3743771.97 0.07408
388932.82 3743821.97 0.06695 387765.02
3743382.77 0.68307
387815.02 3743382.77 0.59049 387815.02
3743432.77 0.66593
387865.02 3743382.77 0.52562 387865.02
3743432.77 0.58713
387915.02 3743382.77 0.47781 387915.02
3743432.77 0.53300
387965.02 3743432.77 0.49455 387713.39
3743372.67 0.81213
387763.39 3743422.67 0.76345 387583.29
3743113.63 0.39122
387583.29 3743163.63 0.55361 387583.29
3743213.63 0.82570
387583.29 3743263.63 1.30866 387633.29
3743163.63 0.52427
387633.29 3743213.63 0.71712 387633.29
3743263.63 0.97309
387633.29 3743313.63 1.21617 387683.29
3743263.63 0.74430
387683.29 3743313.63 0.85440 388242.48
3743969.33 0.87325
388242.48 3744019.33 0.69853 388242.48
3744069.33 0.61814
388242.48 3744119.33 0.56418 388242.48
3744169.33 0.52274
388242.48 3744219.33 0.48543 388242.48
3744269.33 0.44970
388242.48 3744319.33 0.41678 388242.48
3744369.33 0.38685
388242.48 3744419.33 0.35925 388242.48
3744469.33 0.33400
388292.48 3743969.33 0.55088 388292.48
3744019.33 0.45577
388292.48 3744069.33 0.40550 388292.48
3744119.33 0.37200
388292.48 3744169.33 0.34895 388292.48
3744219.33 0.33138
388292.48 3744269.33 0.31613 388292.48
3744319.33 0.30069
388292.48 3744369.33 0.28820 388292.48
3744419.33 0.27539
388292.48 3744469.33 0.26239 388292.48
3744519.33 0.24949
388292.48 3744569.33 0.23703 388780.42
3742965.27 0.13364
388780.42 3743015.27 0.14142 388780.42
3743065.27 0.14914

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         388780.42    3743115.27        0.15693                       388780.42
3743165.27        0.16458
         388780.42    3743215.27        0.17154                       388830.42
3742965.27        0.13145
         388830.42    3743015.27        0.13870                       388830.42
3743065.27        0.14619
         388830.42    3743115.27        0.15331                       388830.42
3743165.27        0.15943
         388880.42    3742965.27        0.12964                       388880.42
3743015.27        0.13598
         388880.42    3743065.27        0.14231                       388880.42
3743115.27        0.14760
         388880.42    3743165.27        0.15152                       388930.42
3742965.27        0.12724
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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                                    PAGE 513
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     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    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         388930.42    3743015.27        0.13253                       388930.42
3743065.27        0.13736
         388930.42    3743115.27        0.14091                       388930.42
3743165.27        0.14274
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 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 , . . . ,

*** 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)
387507.26	3743641.71	49.58825	(15011208)	387507.26	3743691.71	55.23362	(15011208)
387507.26	3743741.71	62.61038	(17010908)	387507.26	3743791.71	60.62243	(16011508)
387507.26	3743841.71	68.77699	(19011108)	387557.26	3743641.71	47.98284	(15121008)
387557.26	3743691.71	60.84004	(15011208)	387557.26	3743741.71	69.62991	(17010908)
387557.26	3743791.71	69.43912	(17020908)	387557.26	3743841.71	77.96978	(19011108)
387557.26	3743891.71	109.85214	(19013008)	387557.26	3743941.71	115.82398	(18012508)
387557.26	3743991.71	115.97122	(17010208)	387607.26	3743841.71	88.91471	(19011108)
387607.26	3743891.71	124.86509	(19013008)	387607.26	3743941.71	132.55682	(18012508)
387607.26	3743991.71	133.95010	(16122308)	387607.26	3744041.71	120.67569	(16122308)
387607.26	3744091.71	119.87674	(19122508)	387657.26	3743841.71	102.91753	(19011108)
387657.26	3743891.71	144.84172	(19013008)	387657.26	3743941.71	154.19183	(18012508)
387657.26	3743991.71	157.17703	(16122308)	387657.26	3744041.71	138.26010	(19011808)

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        387657.26   3744091.71      126.15311  (19122508)                387657.26
3744141.71       80.79130  (19122508)
        387707.26   3743841.71      123.03682  (19011108)                387707.26
3743891.71      173.90223  (19013008)
        387707.26   3743941.71      185.27778  (18012508)                387707.26
3743991.71      188.84559  (16122308)
        387707.26   3744041.71      168.48644  (19122508)                387707.26
3744091.71      118.83953  (19122508)
        387707.26   3744141.71       65.27245  (19122508)                387757.26
3743841.71      165.07903  (19013008)
        387757.26   3743891.71      223.82565  (19013008)                387757.26
3743941.71      238.96104  (18012508)
        387757.26   3743991.71      240.02782  (16122308)                387757.26
3744041.71      181.42121  (19122508)
        387757.26   3744091.71      104.21476  (19122508)                387757.26
3744141.71       48.23826  (19122508)
        387862.10   3744056.02      122.66677  (19122508)                387862.10
3744106.02       49.74904  (16021208)
        387912.10   3744056.02       95.73502  (19122508)                387912.10
3744106.02       54.38850  (16021208)
        387962.10   3744056.02       90.85031  (16021208)                387962.10
3744106.02       56.09177  (16021208)
        388012.10   3744056.02       88.48148  (16021208)                388012.10
3744106.02       54.84989  (16021208)
        388062.10   3744056.02       80.59293  (16021208)                388062.10
3744106.02       50.74315  (16021208)
        387863.31   3744015.45      237.24364  (19122508)                387913.31
3744015.45      214.99387  (19122508)
        387963.31   3744015.45      181.44496  (15010808)                388013.31
3744015.45      156.82783  (16021208)
        388063.31   3744015.45      142.70791  (16021208)                387826.23
3744056.86      135.51617  (19122508)
        387826.23   3744106.86       58.36043  (19122508)                387827.44
3744016.29      241.69967  (19122508)
        387689.52   3743645.82       32.44103  (15121008)                387689.52
3743695.82       56.65812  (15121008)
        387689.52   3743745.82       85.03059  (15011208)                387739.52
3743645.82       29.69464  (18010808)
        387739.52   3743695.82       48.32849  (15121008)                387739.52
3743745.82       81.63006  (15121008)
        387789.52   3743645.82       30.26345  (18010808)                387789.52
3743695.82       38.39754  (15121008)
        387789.52   3743745.82       74.22581  (15121008)                387839.52
3743645.82       83.84941  (15020308)
        387839.52   3743695.82      103.73359  (15020308)                387839.52
3743745.82      135.14938  (15020308)
        387889.52   3743645.82       96.49893  (15020308)                387889.52
3743695.82      114.58929  (15020308)
        387889.52   3743745.82      143.70010  (15020308)                387939.52
3743695.82      116.40905  (15122308)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 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 , . . . ,

*** 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)
387939.52	3743745.82	146.91009	(15122308)	387989.52	3743745.82	147.88136	(17121408)
387692.61	3743778.61	100.29967	(17010908)	387742.61	3743778.61	109.98241	(15011208)
387792.61	3743778.61	107.10338	(15011208)	387842.61	3743778.61	169.49269	(15020308)
387892.61	3743778.61	176.36437	(15020308)	387942.61	3743778.61	180.21567	(15122308)
387992.61	3743778.61	184.98613	(15010708)	387654.54	3743692.47	59.32934	(15121008)
387654.54	3743742.47	81.14465	(15011208)	387705.59	3744244.86	25.50632	(15021708)
387705.59	3744294.86	19.23132	(15021708)	387755.59	3744244.86	22.28141	(15021708)
387755.59	3744294.86	19.74924	(19020408)	387755.59	3744344.86	17.64876	(19020408)
387755.59	3744394.86	15.70449	(19020408)	387805.59	3744294.86	20.25503	(17012008)
387805.59	3744344.86	18.22148	(17012008)	387805.59	3744394.86	16.51808	(17012008)
387805.59	3744444.86	15.03230	(17012008)	387805.59			

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3744494.86       13.69697  (17012008)
        387805.59   3744544.86       12.47403  (17012008)                387855.59
3744444.86       14.82447  (17021008)
        387855.59   3744494.86       13.59755  (17021008)                387855.59
3744544.86       12.55134  (17021008)
        387855.59   3744594.86       11.64143  (17021008)                387905.59
3744544.86       12.76598  (17021008)
        387905.59   3744594.86       11.72506  (17021008)                387905.59
3744644.86       10.80463  (17021008)
        387905.59   3744694.86        9.98532  (17021008)                387955.59
3744644.86       11.41726  (18122108)
        387463.28   3744230.92       62.19957  (19122508)                387463.28
3744280.92       36.00063  (19122508)
        387463.28   3744330.92       16.48551  (19122508)                387513.28
3744230.92       52.04493  (19122508)
        387513.28   3744280.92       25.89324  (19122508)                387513.28
3744330.92       19.29938  (15021708)
        387513.28   3744380.92       18.18835  (15021708)                387513.28
3744430.92       15.91350  (15021708)
        387513.28   3744480.92       13.07359  (15021708)                387563.28
3744230.92       40.07166  (19122508)
        387563.28   3744280.92       22.39453  (15021708)                387563.28
3744330.92       20.73399  (15021708)
        387563.28   3744380.92       17.81881  (15021708)                387563.28
3744430.92       14.38034  (15021708)
        387563.28   3744480.92       10.94953  (15021708)                387563.28
3744530.92        9.04834  (19020408)
        387563.28   3744580.92        9.19438  (19020408)                387563.28
3744630.92        9.13490  (19020408)
        387613.28   3744230.92       28.15777  (19122508)                387613.28
3744280.92       23.96295  (15021708)
        387613.28   3744330.92       20.15861  (15021708)                387613.28
3744380.92       15.95421  (15021708)
        387613.28   3744430.92       11.89595  (15021708)                387613.28
3744480.92       11.09596  (19020408)
        387613.28   3744530.92       10.91022  (19020408)                387613.28
3744580.92       10.52306  (19020408)
        387613.28   3744630.92        9.98310  (19020408)                387613.28
3744680.92        9.33351  (19020408)
        387663.28   3744330.92       17.90574  (15021708)                387663.28
3744380.92       13.86203  (19020408)
        387663.28   3744430.92       13.39446  (19020408)                387663.28
3744480.92       12.71636  (19020408)
        387663.28   3744530.92       11.89298  (19020408)                387663.28
3744580.92       10.97329  (19020408)
        387663.28   3744630.92        9.99837  (19020408)                387663.28
3744680.92        9.00490  (19020408)
        387713.28   3744480.92       13.15584  (19020408)                387713.28
3744530.92       11.80242  (19020408)
        387713.28   3744580.92       10.90864  (17012008)                387713.28
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3744630.92       10.39615  (17012008)
        387713.28   3744680.92        9.86530  (17012008)                387763.28
3744580.92       11.76263  (17012008)
        387763.28   3744630.92       10.90537  (17012008)                387763.28
3744680.92       10.08412  (17012008)
        387813.28   3744680.92        9.70591  (17021008)                387465.01
3744212.81       71.10727  (19122508)
        387515.01   3744212.81       62.66668  (19122508)                387565.01
3744212.81       50.88313  (19122508)
        387615.01   3744212.81       37.91770  (19122508)                387436.03
3744192.12       79.51158  (19122508)
        386968.99   3743502.23       25.13197  (17010908)                386968.99
3743552.23       24.51868  (17010908)
        386968.99   3743602.23       24.81406  (17020908)                386968.99
3743652.23       24.34643  (16011508)
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                   PAGE 516
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     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    ,  . . .      ,

                                                  *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        386968.99   3743702.23       26.26334  (19011108)                386968.99
3743752.23       27.83146  (19011108)
        386968.99   3743802.23       28.25265  (19011608)                386968.99
3743852.23       31.99373  (19013008)
        386968.99   3743902.23       44.60655  (19013008)                386968.99
3743952.23       45.45657  (19013008)
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386968.99 3744002.23 45.73698 (18012508) 386968.99
3744052.23 47.58659 (18012508)
386968.99 3744102.23 46.25883 (17010208) 386968.99
3744152.23 47.87057 (16122308)
387018.99 3743502.23 25.72097 (17010908) 387018.99
3743552.23 26.91447 (17010908)
387018.99 3743602.23 26.34499 (17020908) 387018.99
3743652.23 25.29741 (18011108)
387018.99 3743702.23 26.97787 (19011108) 387018.99
3743752.23 29.81074 (19011108)
387018.99 3743802.23 29.73329 (19011608) 387018.99
3743852.23 33.73387 (19013008)
387018.99 3743902.23 47.35193 (19013008) 387018.99
3743952.23 48.03464 (19013008)
387018.99 3744002.23 49.43975 (18012508) 387018.99
3744052.23 49.60277 (18012508)
387018.99 3744102.23 48.88050 (17010208) 387018.99
3744152.23 50.69956 (16122308)
387068.99 3743502.23 25.54477 (17010908) 387068.99
3743552.23 28.80927 (17010908)
387068.99 3743602.23 27.42415 (17020908) 387068.99
3743652.23 27.64408 (17020908)
387068.99 3743702.23 28.03174 (16011508) 387068.99
3743752.23 31.80369 (19011108)
387068.99 3743802.23 31.28122 (19011608) 387068.99
3743852.23 35.65774 (19013008)
387068.99 3743902.23 50.38445 (19013008) 387068.99
3743952.23 50.86303 (19013008)
387068.99 3744002.23 53.39072 (18012508) 387068.99
3744052.23 51.52280 (18012508)
387068.99 3744102.23 51.17440 (17010208) 387068.99
3744152.23 52.83983 (16122308)
387118.99 3743502.23 27.22047 (19121008) 387118.99
3743552.23 29.97650 (17010908)
387118.99 3743602.23 30.41517 (17010908) 387118.99
3743652.23 30.24173 (17020908)
387118.99 3743702.23 30.08717 (16011508) 387118.99
3743752.23 33.77181 (19011108)
387118.99 3743802.23 32.89827 (19011608) 387118.99
3743852.23 37.80600 (19013008)
387118.99 3743902.23 53.75347 (19013008) 387118.99
3743952.23 53.98685 (19013008)
387118.99 3744002.23 57.58560 (18012508) 387118.99
3744052.23 53.72241 (17010208)
387118.99 3744102.23 56.30731 (16122308) 387118.99
3744152.23 54.08903 (16122308)
387168.99 3743502.23 29.46438 (15011208) 387168.99
3743552.23 30.19194 (17010908)
387168.99 3743602.23 33.28756 (17010908) 387168.99
3743652.23 32.44453 (17020908)

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        387168.99   3743702.23       31.91756  (16011508)                387168.99
3743752.23       35.66010  (19011108)
        387168.99   3743802.23       35.52359  (19011108)                387168.99
3743852.23       40.21981  (19013008)
        387168.99   3743902.23       57.51168  (19013008)                387168.99
3743952.23       57.45680  (19013008)
        387168.99   3744002.23       62.02554  (18012508)                387168.99
3744052.23       58.67662  (17010208)
        387168.99   3744102.23       61.30871  (16122308)                387168.99
3744152.23       54.24509  (16122308)
        387218.99   3743502.23       30.86735  (15011208)                387218.99
3743552.23       31.56935  (19121008)
        387218.99   3743602.23       35.33966  (17010908)                387218.99
3743652.23       34.50757  (17010908)
        387218.99   3743702.23       34.19710  (17020908)                387218.99
3743752.23       37.40497  (19011108)
        387218.99   3743802.23       39.10458  (19011108)                387218.99
3743852.23       42.96014  (19013008)
        387218.99   3743902.23       61.73067  (19013008)                387218.99
3743952.23       61.44428  (18021208)
        387218.99   3744002.23       66.71695  (18012508)                387218.99
3744052.23       63.59761  (17010208)
        387218.99   3744102.23       65.73276  (16122308)                387218.99
3744152.23       53.12531  (16122308)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:36:55

                                    PAGE 517
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                    INCLUDING SOURCE(S):     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    ,  . . .      ,

                                                *** 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)
- -
387268.99   3743502.23   30.98784 (15121008)   387268.99
3743552.23   34.38269 (15011208)
387268.99   3743602.23   36.23138 (17010908)   387268.99
3743652.23   38.79571 (17010908)
387268.99   3743702.23   38.04624 (17020908)   387268.99
3743752.23   38.93513 (19011108)
387268.99   3743802.23   42.93365 (19011108)   387268.99
3743852.23   46.10238 (19013008)
387268.99   3743902.23   66.48932 (19013008)   387268.99
3743952.23   66.33902 (18021208)
387268.99   3744002.23   71.67244 (18012508)   387268.99
3744052.23   68.37353 (17010208)
387268.99   3744102.23   69.28931 (16122308)   387268.99
3744152.23   56.18821 (19011808)
387318.99   3743552.23   35.93468 (15011208)   387318.99
3743602.23   37.28594 (19121008)
387318.99   3743652.23   42.23027 (17010908)   387318.99
3743702.23   41.41642 (17020908)
387318.99   3743752.23   41.41134 (16011508)   387318.99
3743802.23   46.98684 (19011108)
387318.99   3743852.23   49.75191 (19013008)   387318.99
3743902.23   71.89401 (19013008)
387318.99   3743952.23   71.77421 (18021208)   387318.99
3744002.23   76.91671 (18012508)
387318.99   3744052.23   74.46555 (16122308)   387318.99
3744102.23   71.65274 (16122308)
387318.99   3744152.23   64.47860 (19011808)   387368.99
3743652.23   44.34850 (17010908)
387368.99   3743702.23   45.70764 (17010908)   387368.99
3743752.23   44.65096 (16011508)
387368.99   3743802.23   51.21996 (19011108)   387368.99
3743852.23   54.05140 (19013008)
387368.99   3743902.23   78.08422 (19013008)   387368.99
3743952.23   77.86654 (18021208)
387368.99   3744002.23   82.51512 (18012508)   387357.30
3743511.78   29.79131 (15121008)
387407.30   3743561.78   36.44624 (15121008)   387407.30
3743611.78   43.41303 (15011208)
387453.88   3743868.51   75.72115 (19013008)   387453.88
3743918.51   93.46006 (19013008)
387453.88   3743968.51   96.84594 (18012508)   387453.88
3744018.51   93.38240 (16122308)
387453.88   3744068.51   90.73627 (16122308)   387503.88
3743968.51   107.30099 (18012508)
387503.88   3744018.51   105.87442 (16122308)   387503.88
3744068.51   93.05843 (16122308)
387503.88   3744118.51   91.50531 (19122508)   387553.88

3744068.51   103.20267 (19011808)
        387553.88   3744118.51   104.42088 (19122508)   387015.27
3744263.55   41.67310 (19011808)
        387015.27   3744313.55   43.74349 (17011008)   387015.27
3744363.55   43.09334 (19122508)
        387015.27   3744413.55   42.94777 (19122508)   387015.27
3744463.55   35.03637 (19122508)
        387015.27   3744513.55   23.73705 (19122508)   387015.27
3744563.55   13.57829 (19122508)
        387015.27   3744613.55   6.74654 (19122508)   387015.27
3744663.55   6.97555 (17021408)
        387015.27   3744713.55   6.87853 (17021408)   387015.27
3744763.55   6.80641 (15021708)
        387015.27   3744813.55   7.30635 (15021708)   387015.27
3744863.55   7.42790 (15021708)
        387065.27   3744263.55   45.71973 (19011808)   387065.27
3744313.55   45.00399 (17011008)
        387065.27   3744363.55   46.86026 (19122508)   387065.27
3744413.55   41.88547 (19122508)
        387065.27   3744463.55   30.64248 (19122508)   387065.27
3744513.55   18.64272 (19122508)
        387065.27   3744563.55   9.64462 (19122508)   387065.27
3744613.55   7.47242 (17021408)
        387065.27   3744663.55   7.44929 (17021408)   387065.27
3744713.55   7.29859 (15021708)
        387065.27   3744763.55   7.84868 (15021708)   387065.27
3744813.55   7.96809 (15021708)
        387065.27   3744863.55   7.68199 (15021708)   387115.27
3744263.55   49.49411 (17011008)
        387115.27   3744313.55   48.71532 (19122508)   387115.27
3744363.55   48.25835 (19122508)
        387115.27   3744413.55   38.50326 (19122508)   387115.27
3744463.55   25.16051 (19122508)

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                  INCLUDING SOURCE(S):   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   , . . .   ,

*** 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)
387115.27	3744513.55	13.72402	(19122508)	387115.27	3744563.55	8.01722	(17021408)
387115.27	3744613.55	8.09063	(17021408)	387115.27	3744663.55	7.85703	(15021708)
387115.27	3744713.55	8.46405	(15021708)	387115.27	3744763.55	8.57805	(15021708)
387115.27	3744813.55	8.23314	(15021708)	387115.27	3744863.55	7.52652	(15021708)
387165.27	3744263.55	51.92134	(17011008)	387165.27	3744313.55	53.22378	(19122508)
387165.27	3744363.55	46.83981	(19122508)	387165.27	3744413.55	33.20731	(19122508)
387165.27	3744463.55	19.32005	(19122508)	387165.27	3744513.55	9.47311	(19122508)
387165.27	3744563.55	8.81511	(17021408)	387165.27	3744613.55	8.49584	(15021708)
387165.27	3744663.55	9.16741	(15021708)	387165.27	3744713.55	9.27112	(15021708)
387165.27	3744763.55	8.85334	(15021708)	387165.27	3744813.55	8.03395	(15021708)
387165.27	3744863.55	6.96524	(15021708)	387215.27	3744263.55	55.74839	(19122508)
387215.27	3744313.55	54.82007	(19122508)	387215.27	3744363.55	42.63437	(19122508)
387215.27	3744413.55	26.74842	(19122508)	387215.27	3744463.55	13.83762	(19122508)
387215.27	3744513.55	9.63876	(17021408)	387215.27	3744563.55	9.23316	(15021708)
387215.27	3744613.55	9.97807	(15021708)	387215.27	3744663.55	10.06410	(15021708)
387215.27	3744713.55	9.55523	(15021708)	387215.27	3744763.55	8.60020	(15021708)
387215.27	3744813.55	7.38109	(15021708)	387215.27	3744863.55	6.07084	(15021708)
387265.27	3744263.55	61.25854	(19122508)	387265.27	3744313.55	52.93437	(19122508)
387265.27	3744363.55	36.21017	(19122508)	387265.27	3744413.55	20.03964	(19122508)

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        387265.27   3744463.55       10.58268  (17021408)                387265.27
3744513.55       10.12545  (17021408)
        387265.27   3744563.55       10.92109  (15021708)                387265.27
3744613.55       10.97861  (15021708)
        387265.27   3744663.55       10.35455  (15021708)                387265.27
3744713.55        9.23521  (15021708)
        387265.27   3744763.55        7.83879  (15021708)                387265.27
3744813.55        6.36578  (15021708)
        387265.27   3744863.55        5.07776  (16010508)                387315.27
3744263.55       63.13950  (19122508)
        387315.27   3744313.55       47.65719  (19122508)                387315.27
3744363.55       28.56689  (19122508)
        387315.27   3744413.55       13.93353  (19122508)                387315.27
3744463.55       11.28957  (17021408)
        387315.27   3744513.55       12.03074  (15021708)                387315.27
3744563.55       12.04285  (15021708)
        387315.27   3744613.55       11.27164  (15021708)                387315.27
3744663.55        9.95159  (15021708)
        387315.27   3744713.55        8.34502  (15021708)                387315.27
3744763.55        6.68380  (15021708)
        387315.27   3744813.55        5.34492  (17010915)                387315.27
3744863.55        5.52110  (19022808)
        387365.27   3744263.55       60.63318  (19122508)                387365.27
3744313.55       39.81548  (19122508)
        387365.27   3744363.55       20.84474  (19122508)                387365.27
3744413.55       12.67432  (17021408)
        387365.27   3744463.55       13.35301  (15021708)                387365.27
3744513.55       13.29393  (15021708)
        387365.27   3744563.55       12.33207  (15021708)                387365.27
3744613.55       10.76516  (15021708)
        387365.27   3744663.55        8.90802  (15021708)                387365.27
3744713.55        7.02826  (15021708)
        387365.27   3744763.55        5.86613  (17010915)                387365.27
3744813.55        5.83995  (19022808)
        387365.27   3744863.55        5.87419  (19022808)                387415.27
3744313.55       30.73700  (19122508)
        387415.27   3744363.55       14.34761  (17021408)                387415.27
3744413.55       14.95326  (15021708)
        387415.27   3744463.55       14.78237  (15021708)                387415.27
3744513.55       13.56961  (15021708)
        387415.27   3744563.55       11.69613  (15021708)                387415.27
3744613.55        9.53884  (15021708)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 519
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***

INCLUDING SOURCE(S): 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 , . . . ,

*** 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)
387415.27	3744663.55	7.40390	(15021708)	387415.27	3744713.55	6.38139	(17010915)
387415.27	3744763.55	6.11590	(19022808)	387415.27	3744813.55	5.99703	(19022808)
387415.27	3744863.55	5.92725	(19020408)	387465.27	3744513.55	12.77189	(15021708)
387465.27	3744563.55	10.25211	(15021708)	387465.27	3744613.55	7.81735	(15021708)
387465.27	3744663.55	6.89165	(17010915)	387465.27	3744713.55	6.56635	(19020408)
387465.27	3744763.55	6.76174	(19020408)	387465.27	3744813.55	6.82270	(19020408)
387465.27	3744863.55	6.76238	(19020408)	387515.27	3744663.55	7.82927	(19020408)
387515.27	3744713.55	7.86951	(19020408)	387515.27	3744763.55	7.76064	(19020408)
387515.27	3744813.55	7.52688	(19020408)	387515.27	3744863.55	7.19376	(19020408)
387565.27	3744813.55	7.71047	(19020408)	387565.27	3744863.55	7.12559	(19020408)
387524.44	3742913.36	5.36789	(19110608)	387574.44	3742963.36	5.66552	(16110708)
387574.44	3743013.36	5.58831	(16110708)	387624.44	3742963.36	5.70051	(16110708)
387624.44	3743013.36	5.82149	(16110708)	387624.44	3743063.36	5.86592	(16110708)
387674.44	3742963.36	5.24081	(16110708)	387674.44	3743013.36	5.53526	(16110708)
387674.44	3743063.36	5.77246	(16110708)	387674.44			

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3743113.36        5.94255  (16110708)
        387724.44   3742963.36        5.06641  (19060608)                387724.44
3743013.36        5.29583  (19060608)
        387724.44   3743063.36        5.53378  (19060608)                387724.44
3743113.36        5.78387  (19060608)
        387774.44   3742963.36        9.36975  (15020308)                387774.44
3743013.36        9.61579  (15020308)
        387774.44   3743063.36        9.87674  (15020308)                387774.44
3743113.36       10.15346  (15020308)
        387774.44   3743163.36       10.44654  (15020308)                387824.44
3742963.36       19.41518  (15020308)
        387824.44   3743013.36       20.43249  (15020308)                387824.44
3743063.36       21.57126  (15020308)
        387824.44   3743113.36       22.85505  (15020308)                387824.44
3743163.36       24.31286  (15020308)
        387824.44   3743213.36       25.98408  (15020308)                387874.44
3742963.36       29.34848  (15020308)
        387874.44   3743013.36       31.00566  (15020308)                387874.44
3743063.36       32.85169  (15020308)
        387874.44   3743113.36       34.91684  (15020308)                387874.44
3743163.36       37.24428  (15020308)
        387874.44   3743213.36       39.88551  (15020308)                387874.44
3743263.36       42.89661  (15020308)
        387924.44   3742963.36       34.97330  (15020308)                387924.44
3743013.36       36.68852  (15020308)
        387924.44   3743063.36       38.56254  (15020308)                387924.44
3743113.36       40.61795  (15020308)
        387924.44   3743163.36       42.88418  (15020308)                387924.44
3743213.36       45.40497  (15020308)
        387924.44   3743263.36       48.23096  (15020308)                387924.44
3743313.36       51.43182  (15020308)
        387974.44   3742963.36       36.69249  (15020308)                387974.44
3743013.36       38.28856  (15020308)
        387974.44   3743063.36       40.02584  (15020308)                387974.44
3743113.36       41.93029  (15020308)
        387974.44   3743163.36       44.03167  (15020308)                387974.44
3743213.36       46.38262  (15020308)
        387974.44   3743263.36       49.03249  (15020308)                387974.44
3743313.36       52.05856  (15020308)
        387974.44   3743363.36       55.56965  (15020308)                388024.44
3742963.36       36.09079  (15020308)
        388024.44   3743013.36       37.69299  (15020308)                388024.44
3743063.36       39.44919  (15020308)
        388024.44   3743113.36       41.38072  (15020308)                388024.44
3743163.36       43.53596  (15020308)
        388024.44   3743213.36       45.95281  (15020308)                388024.44
3743263.36       48.67446  (15020308)
        388024.44   3743313.36       51.78537  (15020308)                388024.44
3743363.36       55.37384  (15020308)
        388024.44   3743413.36       59.58545  (15020308)                388074.44
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):   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   , . . .   ,

                                                *** 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)
 -
- -
        388074.44   3743013.36   33.87432 (15020308)   388074.44
3743063.36   35.56881 (15020308)
        388074.44   3743113.36   37.46433 (15020308)   388074.44
3743163.36   39.60726 (15020308)
        388074.44   3743213.36   43.75721 (15122308)   388074.44
3743263.36   48.03255 (15122308)
        388074.44   3743313.36   52.23179 (15122308)   388074.44
3743363.36   56.49668 (15122308)
        388074.44   3743413.36   61.04844 (15122308)   388074.44
3743463.36   66.23174 (15122308)
        388124.44   3742963.36   31.28970 (15122308)   388124.44
3743013.36   34.61689 (15122308)
        388124.44   3743063.36   37.87591 (15122308)   388124.44
3743113.36   41.05378 (15122308)
        388124.44   3743163.36   44.10536 (15122308)   388124.44
3743213.36   47.09853 (15122308)
        388124.44   3743263.36   50.15319 (15122308)   388124.44
3743313.36   53.40630 (15122308)
        388124.44   3743363.36   57.01610 (15122308)   388124.44
3743413.36   61.19916 (15122308)

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        388174.44   3742963.36       36.08366  (15122308)                388174.44
3743013.36       38.43106  (15122308)
        388174.44   3743063.36       40.68327  (15122308)                388174.44
3743113.36       42.90389  (15122308)
        388174.44   3743163.36       45.14959  (15122308)                388174.44
3743213.36       47.52062  (15122308)
        388174.44   3743263.36       50.09061  (15122308)                388174.44
3743313.36       52.92285  (15122308)
        388174.44   3743363.36       56.08235  (15122308)                388174.44
3743413.36       59.59029  (15122308)
        388224.44   3742963.36       37.49550  (15122308)                388224.44
3743013.36       39.09163  (15122308)
        388224.44   3743063.36       40.60235  (15122308)                388224.44
3743113.36       42.21929  (15122308)
        388224.44   3743163.36       43.76811  (15122308)                388224.44
3743213.36       45.29574  (15122308)
        388224.44   3743263.36       47.26376  (16122608)                388224.44
3743313.36       50.21258  (19120308)
        388224.44   3743363.36       55.24978  (17121408)                388274.44
3742963.36       36.05473  (15122308)
        388274.44   3743013.36       36.93360  (16122608)                387475.71
3743311.02       11.62714  (18010808)
        387490.71   3743311.02       11.87784  (18010808)                387451.13
3743316.16       11.06624  (18010808)
        387379.86   3743317.08        8.58014  (18010808)                387399.86
3743317.08        9.34773  (18010808)
        387419.86   3743317.08       10.07377  (18010808)                387439.86
3743317.08       10.73326  (18010808)
        387019.21   3742972.33        5.56381  (19022208)                387019.21
3743022.33        5.84040  (19022208)
        387019.21   3743072.33        5.79935  (19022208)                387019.21
3743122.33        5.42540  (19022208)
        387019.21   3743172.33        6.25504  (15121008)                387019.21
3743222.33       10.05297  (15121008)
        387019.21   3743272.33       14.68541  (15121008)                387019.21
3743322.33       19.23868  (15121008)
        387069.21   3742972.33        5.15870  (19022208)                387069.21
3743022.33        5.70104  (19022208)
        387069.21   3743072.33        5.97270  (19022208)                387069.21
3743122.33        5.90624  (19022208)
        387069.21   3743172.33        5.48115  (19022208)                387069.21
3743222.33        7.91630  (15121008)
        387069.21   3743272.33       12.45342  (15121008)                387069.21
3743322.33       17.63503  (15121008)
        387119.21   3742972.33        5.38728  (18010808)                387119.21
3743022.33        5.28473  (19022208)
        387119.21   3743072.33        5.84366  (19022208)                387119.21
3743122.33        6.10905  (19022208)
        387119.21   3743172.33        6.00981  (19022208)                387119.21
3743222.33        5.92287  (15121008)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 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 , . . . ,

*** 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)
387119.21	3743272.33	10.02379	(15121008)	387119.21	3743322.33	15.36529	(15121008)
387169.21	3742972.33	6.17315	(18010808)	387169.21	3743022.33	5.93518	(18010808)
387169.21	3743072.33	5.51180	(18010808)	387169.21	3743122.33	5.98945	(19022208)
387169.21	3743172.33	6.24830	(19022208)	387169.21	3743222.33	6.11465	(19022208)
387169.21	3743272.33	7.64020	(15121008)	387169.21	3743322.33	12.68107	(15121008)
387219.21	3742972.33	6.74949	(18010808)	387219.21	3743022.33	6.76581	(18010808)
387219.21	3743072.33	6.56288	(18010808)	387219.21	3743122.33	6.13887	(18010808)
387219.21	3743172.33	6.13412	(19022208)	387219.21	3743222.33	6.38667	(19022208)
387219.21	3743272.33	6.21157	(19022208)	387219.21	3743322.33	9.88321	(15121008)
387269.21	3742972.33	7.01629	(18010808)	387269.21	3743022.33	7.33251	(18010808)
387269.21	3743072.33	7.43425	(18010808)	387269.21			

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3743122.33        7.28558  (18010808)
        387269.21   3743172.33        6.87300  (18010808)                387269.21
3743222.33        6.28674  (19022208)
        387269.21   3743272.33        6.52458  (19022208)                387269.21
3743322.33        7.26377  (15121008)
        387319.21   3742972.33        6.91615  (18010808)                387319.21
3743022.33        7.52886  (18010808)
        387319.21   3743072.33        7.97495  (18010808)                387319.21
3743122.33        8.18988  (18010808)
        387319.21   3743172.33        8.12039  (18010808)                387319.21
3743222.33        7.73937  (18010808)
        387319.21   3743272.33        7.05562  (18010808)                387319.21
3743322.33        6.65993  (19022208)
        387369.21   3742972.33        6.45266  (18010808)                387369.21
3743022.33        7.30621  (18010808)
        387369.21   3743072.33        8.07501  (18010808)                387369.21
3743122.33        8.68203  (18010808)
        387369.21   3743172.33        9.04528  (18010808)                387369.21
3743222.33        9.09157  (18010808)
        387369.21   3743272.33        8.76989  (18010808)                387419.21
3742972.33        5.69453  (18010808)
        387419.21   3743022.33        6.69137  (18010808)                387419.21
3743072.33        7.70148  (18010808)
        387419.21   3743122.33        8.65377  (18010808)                387419.21
3743172.33        9.45833  (18010808)
        387419.21   3743222.33       10.01534  (18010808)                387419.21
3743272.33       10.22461  (18010808)
        387469.21   3743072.33        6.91237  (18010808)                387469.21
3743122.33        8.09832  (18010808)
        387469.21   3743172.33        9.26383  (18010808)                387469.21
3743222.33       10.30995  (18010808)
        387469.21   3743272.33       11.11670  (18010808)                387578.38
3743390.44       14.33645  (18010808)
        387608.38   3743390.44       14.26507  (18010808)                387638.38
3743390.44       13.80424  (18010808)
        387369.87   3743365.20        7.24441  (18010808)                387399.87
3743365.20        8.57794  (18010808)
        387429.87   3743365.20        9.92342  (18010808)                387459.87
3743365.20       11.18580  (18010808)
        387489.87   3743365.20       12.26197  (18010808)                387489.87
3743395.20       12.20855  (18010808)
        388754.52   3743939.25       26.93527  (18010908)                388754.52
3743989.25        9.05698  (15122208)
        388754.52   3744039.25        7.27641  (18032309)                388754.52
3744089.25        6.90344  (18090408)
        388754.52   3744139.25        6.72738  (16101709)                388754.52
3744189.25        6.10045  (19030511)
        388804.52   3743889.25       47.40572  (18010908)                388804.52
3743939.25       23.31809  (18010908)
        388804.52   3743989.25        8.38570  (15122208)                388804.52
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3744039.25        6.59044  (18032309)
        388804.52   3744089.25        6.46673  (18090408)                388804.52
3744139.25        6.14713  (16101709)
        388804.52   3744189.25        5.85738  (16101709)                388804.52
3744239.25        5.46358  (19030511)
        388804.52   3744289.25        5.12922  (18122410)                388854.52
3743889.25       42.99131  (18010908)
        388854.52   3743939.25       20.57487  (18010908)                388854.52
3743989.25        7.88795  (15122208)
        388854.52   3744039.25        5.97207  (18032309)                388854.52
3744089.25        8.13534  (16012908)
        388854.52   3744139.25        5.78772  (19123109)                388854.52
3744189.25        5.58848  (16101709)
        388854.52   3744239.25        5.24071  (19041908)                388854.52
3744289.25        4.86331  (18122410)
        388854.52   3744339.25        4.97335  (18102208)                388904.52
3743889.25       39.00506  (18010908)
        388904.52   3743939.25       18.31773  (18010908)                388904.52
3743989.25        7.45454  (15122208)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:36:55

                                    PAGE 522
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                    INCLUDING SOURCE(S):     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    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        388904.52   3744039.25        5.40853  (18032309)                388904.52
3744089.25        6.84647  (16012908)
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388904.52 3744139.25 11.59138 (16012908) 388904.52
3744189.25 5.52766 (17020708)
388904.52 3744239.25 5.09884 (19041908) 388904.52
3744289.25 4.77664 (19041908)
388904.52 3744339.25 4.85468 (18122410) 388904.52
3744389.25 5.23024 (18102208)
388904.52 3744439.25 6.09348 (18102208) 388954.52
3743939.25 16.31984 (18010908)
388954.52 3743989.25 7.03708 (15122208) 388954.52
3744039.25 4.89653 (18032309)
388954.52 3744089.25 5.60035 (16012908) 388954.52
3744139.25 10.50493 (16012908)
388882.82 3743721.97 72.56275 (18010108) 388882.82
3743771.97 57.37234 (19123108)
388932.82 3743721.97 68.85944 (18010108) 388932.82
3743771.97 50.45166 (19123108)
388932.82 3743821.97 54.79963 (18010908) 387765.02
3743382.77 9.67150 (16021208)
387815.02 3743382.77 29.41043 (15020308) 387815.02
3743432.77 32.25680 (15020308)
387865.02 3743382.77 49.98905 (15020308) 387865.02
3743432.77 55.06415 (15020308)
387915.02 3743382.77 56.39126 (15020308) 387915.02
3743432.77 61.01263 (15020308)
387965.02 3743432.77 61.51836 (15020308) 387713.39
3743372.67 10.34644 (18010808)
387763.39 3743422.67 10.86422 (18010808) 387583.29
3743113.63 5.77569 (19110608)
387583.29 3743163.63 6.64221 (18010808) 387583.29
3743213.63 8.21504 (18010808)
387583.29 3743263.63 9.94975 (18010808) 387633.29
3743163.63 5.93654 (15120411)
387633.29 3743213.63 6.70945 (18010808) 387633.29
3743263.63 8.48103 (18010808)
387633.29 3743313.63 10.50713 (18010808) 387683.29
3743263.63 6.75407 (18010808)
387683.29 3743313.63 8.74169 (18010808) 388242.48
3743969.33 87.24832 (18010908)
388242.48 3744019.33 35.99527 (18102208) 388242.48
3744069.33 34.32854 (18102208)
388242.48 3744119.33 24.68627 (16021208) 388242.48
3744169.33 21.92443 (17091308)
388242.48 3744219.33 18.47899 (17091308) 388242.48
3744269.33 15.13918 (17091308)
388242.48 3744319.33 13.76180 (16120915) 388242.48
3744369.33 12.79358 (16120915)
388242.48 3744419.33 11.68339 (16120915) 388242.48
3744469.33 10.57542 (16120915)
388292.48 3743969.33 65.52438 (18010908) 388292.48
3744019.33 26.37716 (16021208)

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        388292.48   3744069.33       28.39608  (18102208)                388292.48
3744119.33       24.63366  (18102208)
        388292.48   3744169.33       17.46800  (16021208)                388292.48
3744219.33       16.76406  (17091308)
        388292.48   3744269.33       15.00912  (17091308)                388292.48
3744319.33       12.86890  (17091308)
        388292.48   3744369.33       10.56306  (17091308)                388292.48
3744419.33       10.11293  (17032008)
        388292.48   3744469.33        9.49267  (17032008)                388292.48
3744519.33        8.84375  (16120915)
        388292.48   3744569.33        8.29001  (16120915)                388780.42
3742965.27       40.57402  (18010308)
        388780.42   3743015.27       42.98560  (19123008)                388780.42
3743065.27       44.07451  (18123108)
        388780.42   3743115.27       44.84041  (18012608)                388780.42
3743165.27       46.35662  (15020208)
        388780.42   3743215.27       48.66605  (18011508)                388830.42
3742965.27       40.73231  (19123008)
        388830.42   3743015.27       42.50051  (18123108)                388830.42
3743065.27       44.23048  (18012608)
        388830.42   3743115.27       46.57865  (15020208)                388830.42
3743165.27       48.89052  (18011508)
        388880.42   3742965.27       41.45306  (18122008)                388880.42
3743015.27       42.32002  (18012608)
        388880.42   3743065.27       44.76950  (15020208)                388880.42
3743115.27       46.74755  (18011508)
        388880.42   3743165.27       47.75815  (17121808)                388930.42
3742965.27       40.90205  (18012608)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:36:55

                                    PAGE 523
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                    INCLUDING SOURCE(S):     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    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
388930.42	3743015.27	42.72004	(15020208)	388930.42	3743065.27	44.70099	(18011508)
388930.42	3743115.27	46.21094	(17121808)	388930.42	3743165.27	46.90519	(15121808)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 ,
L0000381 , L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , . . . ,

*** 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)
387507.26	3743641.71	78.46859	(19011808)	387507.26	3743691.71	72.18944	(17010908)
387507.26	3743741.71	71.98128	(19013008)	387507.26	3743791.71	85.87711	(19013008)
387507.26	3743841.71	71.23010	(18012508)	387557.26	3743641.71	107.90826	(16021208)
387557.26	3743691.71	107.39521	(19011808)	387557.26	3743741.71	116.71690	(17010908)
387557.26	3743791.71	124.62542	(19013008)	387557.26	3743841.71	91.63189	(16122308)

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        387557.26   3743891.71       64.18102  (19122508)                387557.26
3743941.71       44.87066  (19122508)
        387557.26   3743991.71       34.99936  (19122508)                387607.26
3743841.71      124.84080  (16122308)
        387607.26   3743891.71       70.75133  (19122508)                387607.26
3743941.71       45.64652  (15010808)
        387607.26   3743991.71       39.18071  (19122508)                387607.26
3744041.71       33.70003  (19122508)
        387607.26   3744091.71       20.21889  (19122508)                387657.26
3743841.71      169.72076  (19011808)
        387657.26   3743891.71       70.53172  (15010808)                387657.26
3743941.71       52.20042  (15010808)
        387657.26   3743991.71       47.40234  (19122508)                387657.26
3744041.71       35.78657  (19122508)
        387657.26   3744091.71       19.56290  (18122108)                387657.26
3744141.71       16.76700  (18122108)
        387707.26   3743841.71      173.39261  (15010808)                387707.26
3743891.71       79.58963  (16021208)
        387707.26   3743941.71       69.05633  (19011808)                387707.26
3743991.71       62.28810  (19122508)
        387707.26   3744041.71       31.95499  (19122508)                387707.26
3744091.71       21.48920  (18122108)
        387707.26   3744141.71       18.56115  (18122108)                387757.26
3743841.71      194.31351  (16021208)
        387757.26   3743891.71      125.72123  (19011808)                387757.26
3743941.71      116.13656  (19011808)
        387757.26   3743991.71       98.56166  (15010808)                387757.26
3744041.71       35.52127  (16021208)
        387757.26   3744091.71       25.86171  (18122108)                387757.26
3744141.71       20.98899  (18122108)
        387862.10   3744056.02       32.99991  (16120915)                387862.10
3744106.02       25.51052  (16120915)
        387912.10   3744056.02       23.54214  (17091308)                387912.10
3744106.02       19.22575  (17021015)
        387962.10   3744056.02       17.33767  (17091308)                387962.10
3744106.02       16.02871  (17091308)
        388012.10   3744056.02       13.12624  (16021208)                388012.10
3744106.02       12.57335  (17091308)
        388062.10   3744056.02       11.02177  (16021208)                388062.10
3744106.02        9.87674  (16021208)
        387863.31   3744015.45       37.82589  (17091308)                387913.31
3744015.45       25.52073  (17091308)
        387963.31   3744015.45       18.23747  (16021208)                388013.31
3744015.45       14.47663  (16021208)
        388063.31   3744015.45       11.89642  (16021208)                387826.23
3744056.86       41.27797  (16120915)
        387826.23   3744106.86       25.16045  (16120915)                387827.44
3744016.29       67.23283  (16120915)
        387689.52   3743645.82       90.35853  (17122908)                387689.52
3743695.82       83.13798  (16021208)
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        387689.52   3743745.82       99.37481  (16021208)                387739.52
3743645.82       63.42944  (15011308)
        387739.52   3743695.82       74.53491  (15011308)                387739.52
3743745.82       95.47404  (15011308)
        387789.52   3743645.82       70.50339  (15020308)                387789.52
3743695.82       92.35101  (15020308)
        387789.52   3743745.82      136.21585  (15020308)                387839.52
3743645.82       60.64735  (15122308)
        387839.52   3743695.82       74.18132  (15122308)                387839.52
3743745.82       90.36318  (16012208)
        387889.52   3743645.82       49.47933  (16012208)                387889.52
3743695.82       56.56958  (17121408)
        387889.52   3743745.82       67.35866  (18121408)                387939.52
3743695.82       47.91155  (18121408)
        387939.52   3743745.82       52.31733  (18011208)                387989.52
3743745.82       45.19773  (16122908)
        387692.61   3743778.61      136.76806  (16021208)                387742.61
3743778.61      130.26187  (15011308)
        387792.61   3743778.61      195.00406  (15020308)                387842.61
3743778.61      101.36575  (18121408)
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 525
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                  INCLUDING SOURCE(S):     L0000368    , L0000369
, L0000370    , L0000371    , L0000372    ,
                L0000373    , L0000374    , L0000375    , L0000376    , L0000377
, L0000378    , L0000379    , L0000380    ,
                L0000381    , L0000382    , L0000383    , L0000384    , L0000385
, L0000386    , L0000387    , L0000388    ,
                L0000389    , L0000390    , L0000391    , L0000392    , L0000393
, L0000394    , L0000395    ,  . . .      ,

                                                 *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        387892.61   3743778.61       76.06600  (16122908)                387942.61
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3743778.61       59.36671  (19123108)
        387992.61   3743778.61       48.24071  (19123108)                387654.54
3743692.47      124.01032  (18121808)
        387654.54   3743742.47      130.83887  (16021208)                387705.59
3744244.86       14.24846  (18122108)
        387705.59   3744294.86       12.74620  (18122108)                387755.59
3744244.86       15.17763  (18122108)
        387755.59   3744294.86       13.40342  (18122108)                387755.59
3744344.86       11.99288  (18122108)
        387755.59   3744394.86       10.84291  (18122108)                387805.59
3744294.86       13.08317  (18122108)
        387805.59   3744344.86       11.68992  (18122108)                387805.59
3744394.86       10.57708  (18122108)
        387805.59   3744444.86        9.66083  (18122108)                387805.59
3744494.86        8.88918  (18122108)
        387805.59   3744544.86        8.22729  (18122108)                387855.59
3744444.86        8.80760  (18122108)
        387855.59   3744494.86        8.18402  (18122108)                387855.59
3744544.86        7.64160  (18122108)
        387855.59   3744594.86        7.16336  (18122108)                387905.59
3744544.86        6.67716  (18122108)
        387905.59   3744594.86        6.34316  (18122108)                387905.59
3744644.86        6.03582  (18122108)
        387905.59   3744694.86        5.75259  (18122108)                387955.59
3744644.86        5.13920  (18122108)
        387463.28   3744230.92        8.82602  (16021208)                387463.28
3744280.92        7.77827  (16021208)
        387463.28   3744330.92        7.01317  (17021008)                387513.28
3744230.92        9.37009  (16021208)
        387513.28   3744280.92        8.23135  (17021008)                387513.28
3744330.92        7.61770  (17021008)
        387513.28   3744380.92        7.08386  (17021008)                387513.28
3744430.92        6.61138  (17021008)
        387513.28   3744480.92        6.18705  (17021008)                387563.28
3744230.92       10.30057  (18122108)
        387563.28   3744280.92        9.28982  (18122108)                387563.28
3744330.92        8.44729  (18122108)
        387563.28   3744380.92        7.73395  (18122108)                387563.28
3744430.92        7.12174  (18122108)
        387563.28   3744480.92        6.59013  (18122108)                387563.28
3744530.92        6.12390  (18122108)
        387563.28   3744580.92        5.71087  (18122108)                387563.28
3744630.92        5.34250  (18122108)
        387613.28   3744230.92       12.02683  (18122108)                387613.28
3744280.92       10.79526  (18122108)
        387613.28   3744330.92        9.78111  (18122108)                387613.28
3744380.92        8.92731  (18122108)
        387613.28   3744430.92        8.19635  (18122108)                387613.28
3744480.92        7.56234  (18122108)
        387613.28   3744530.92        7.00638  (18122108)                387613.28
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3744580.92   6.51505 (18122108)
        387613.28   3744630.92   6.07796 (18122108)   387613.28
3744680.92   5.68699 (18122108)
        387663.28   3744330.92   10.98883 (18122108)   387663.28
3744380.92   10.00190 (18122108)
        387663.28   3744430.92   9.15609 (18122108)   387663.28
3744480.92   8.42337 (18122108)
        387663.28   3744530.92   7.78272 (18122108)   387663.28
3744580.92   7.21887 (18122108)
        387663.28   3744630.92   6.71926 (18122108)   387663.28
3744680.92   6.27401 (18122108)
        387713.28   3744480.92   9.04929 (18122108)   387713.28
3744530.92   8.34208 (18122108)
        387713.28   3744580.92   7.72428 (18122108)   387713.28
3744630.92   7.18003 (18122108)
        387713.28   3744680.92   6.69761 (18122108)   387763.28
3744580.92   7.92756 (18122108)
        387763.28   3744630.92   7.37375 (18122108)   387763.28
3744680.92   6.88411 (18122108)
        387813.28   3744680.92   6.78070 (18122108)   387465.01
3744212.81   9.27665 (16021208)
        387515.01   3744212.81   9.88679 (16021208)   387565.01
3744212.81   10.78251 (18122108)
        387615.01   3744212.81   12.60099 (18122108)   387436.03
3744192.12   11.21484 (19122508)
        386968.99   3743502.23   27.70110 (16122308)   386968.99
3743552.23   24.95926 (19011808)
        386968.99   3743602.23   24.42993 (19122508)   386968.99
3743652.23   22.60050 (19122508)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                    INCLUDING SOURCE(S):   L0000368   , L0000369
, L0000370   , L0000371   , L0000372   ,
                  L0000373   , L0000374   , L0000375   , L0000376   , L0000377
, L0000378   , L0000379   , L0000380   ,
                  L0000381   , L0000382   , L0000383   , L0000384   , L0000385
, L0000386   , L0000387   , L0000388   ,
                  L0000389   , L0000390   , L0000391   , L0000392   , L0000393
, L0000394   , L0000395   , . . .   ,

                                                *** 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)
386968.99	3743702.23	21.54657	(16122308)	386968.99	3743752.23	20.66055	(19122508)
386968.99	3743802.23	20.29339	(19013008)	386968.99	3743852.23	19.95259	(18012508)
386968.99	3743902.23	19.26555	(18012508)	386968.99	3743952.23	18.98630	(16122308)
386968.99	3744002.23	18.07430	(16122308)	386968.99	3744052.23	17.09243	(19122508)
386968.99	3744102.23	16.91370	(19122508)	386968.99	3744152.23	16.40526	(19122508)
387018.99	3743502.23	29.11286	(19011808)	387018.99	3743552.23	28.15112	(19122508)
387018.99	3743602.23	25.76866	(19122508)	387018.99	3743652.23	23.75524	(16122308)
387018.99	3743702.23	23.03769	(16122308)	387018.99	3743752.23	22.03849	(19122508)
387018.99	3743802.23	21.84831	(19013008)	387018.99	3743852.23	21.36713	(18012508)
387018.99	3743902.23	20.48269	(18012508)	387018.99	3743952.23	20.19097	(16122308)
387018.99	3744002.23	18.89059	(16122308)	387018.99	3744052.23	18.08152	(19122508)
387018.99	3744102.23	17.77675	(19122508)	387018.99	3744152.23	16.99133	(19122508)
387068.99	3743502.23	32.78513	(19122508)	387068.99	3743552.23	30.53583	(19122508)
387068.99	3743602.23	27.00014	(18012508)	387068.99	3743652.23	25.98438	(16122308)
387068.99	3743702.23	24.63205	(16122308)	387068.99	3743752.23	23.67778	(19122508)
387068.99	3743802.23	23.66323	(19013008)	387068.99	3743852.23	23.01811	(18012508)
387068.99	3743902.23	21.83926	(18012508)	387068.99	3743952.23	21.51680	(16122308)
387068.99	3744002.23	19.70417	(16122308)	387068.99	3744052.23	19.19939	(19122508)
387068.99	3744102.23	18.65301	(19122508)	387068.99	3744152.23	17.49046	(19122508)
387118.99	3743502.23	37.89300	(19122508)	387118.99	3743552.23	31.37340	(19122508)
387118.99	3743602.23	30.00218	(18012508)	387118.99	3743652.23	28.63786	(16122308)

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        387118.99   3743702.23       26.43661  (19122508)                387118.99
3743752.23       25.44179  (19122508)
        387118.99   3743802.23       25.81308  (19013008)                387118.99
3743852.23       24.96999  (18012508)
        387118.99   3743902.23       23.56922  (16122308)                387118.99
3743952.23       22.95904  (16122308)
        387118.99   3744002.23       20.71384  (19122508)                387118.99
3744052.23       20.41585  (19122508)
        387118.99   3744102.23       19.49067  (19122508)                387118.99
3744152.23       17.86189  (19122508)
        387168.99   3743502.23       39.67012  (19122508)                387168.99
3743552.23       35.24093  (19013008)
        387168.99   3743602.23       33.72750  (18012508)                387168.99
3743652.23       31.68917  (16122308)
        387168.99   3743702.23       29.18138  (19122508)                387168.99
3743752.23       27.45049  (19013008)
        387168.99   3743802.23       28.39085  (19013008)                387168.99
3743852.23       27.28288  (18012508)
        387168.99   3743902.23       25.69535  (16122308)                387168.99
3743952.23       24.49465  (16122308)
        387168.99   3744002.23       22.30100  (19122508)                387168.99
3744052.23       21.68188  (19122508)
        387168.99   3744102.23       20.23154  (19122508)                387168.99
3744152.23       18.06911  (19122508)
        387218.99   3743502.23       39.51049  (19122508)                387218.99
3743552.23       40.88006  (19013008)
        387218.99   3743602.23       38.37322  (18012508)                387218.99
3743652.23       35.09251  (16122308)
        387218.99   3743702.23       32.07263  (19122508)                387218.99
3743752.23       30.20941  (19013008)
        387218.99   3743802.23       31.51573  (19013008)                387218.99
3743852.23       30.05325  (18012508)
        387218.99   3743902.23       28.18730  (16122308)                387218.99
3743952.23       26.08494  (16122308)
        387218.99   3744002.23       24.08589  (19122508)                387218.99
3744052.23       22.92526  (19122508)
        387218.99   3744102.23       20.80356  (19122508)                387218.99
3744152.23       18.09479  (19122508)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 527
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                  INCLUDING SOURCE(S):     L0000368    , L0000369
, L0000370    , L0000371    , L0000372    ,
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                L0000373    , L0000374    , L0000375    , L0000376    , L0000377
, L0000378    , L0000379    , L0000380    ,
                L0000381    , L0000382    , L0000383    , L0000384    , L0000385
, L0000386    , L0000387    , L0000388    ,
                L0000389    , L0000390    , L0000391    , L0000392    , L0000393
, L0000394    , L0000395    ,  . . .      ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        387268.99   3743502.23       43.06242  (19013008)               387268.99
3743552.23       48.55338  (19013008)
        387268.99   3743602.23       44.17893  (18012508)               387268.99
3743652.23       38.78131  (19122508)
        387268.99   3743702.23       34.78754  (19122508)               387268.99
3743752.23       33.61889  (19013008)
        387268.99   3743802.23       35.39619  (19013008)               387268.99
3743852.23       33.40072  (18012508)
        387268.99   3743902.23       31.07787  (16122308)               387268.99
3743952.23       27.65879  (16122308)
        387268.99   3744002.23       26.02846  (19122508)               387268.99
3744052.23       24.03873  (19122508)
        387268.99   3744102.23       21.16312  (19122508)               387268.99
3744152.23       17.95253  (19122508)
        387318.99   3743552.23       60.03048  (19013008)               387318.99
3743602.23       52.24541  (16122308)
        387318.99   3743652.23       44.18578  (19122508)               387318.99
3743702.23       37.24362  (19122508)
        387318.99   3743752.23       37.90261  (19013008)               387318.99
3743802.23       40.34910  (19013008)
        387318.99   3743852.23       37.50218  (18012508)               387318.99
3743902.23       34.38858  (16122308)
        387318.99   3743952.23       29.67175  (19011808)               387318.99
3744002.23       28.00651  (19122508)
        387318.99   3744052.23       24.90192  (19122508)               387318.99
3744102.23       21.33364  (19122508)
        387318.99   3744152.23       17.67188  (19122508)               387368.99
3743652.23       49.48433  (19122508)
        387368.99   3743702.23       40.22899  (19122508)               387368.99
3743752.23       43.44025  (19013008)
        387368.99   3743802.23       46.85933  (19013008)               387368.99
3743852.23       42.59748  (18012508)
        387368.99   3743902.23       38.08172  (16122308)               387368.99
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3743952.23       32.86198  (19122508)
        387368.99   3744002.23       29.77697  (19122508)                387357.30
3743511.78       63.33643  (19013008)
        387407.30   3743561.78       98.69845  (19013008)                387407.30
3743611.78       68.24089  (16122308)
        387453.88   3743868.51       52.62191  (16122308)                387453.88
3743918.51       42.49071  (19011808)
        387453.88   3743968.51       36.42436  (19122508)                387453.88
3744018.51       29.47278  (19122508)
        387453.88   3744068.51       24.77276  (19122508)                387503.88
3743968.51       37.68538  (19122508)
        387503.88   3744018.51       30.25141  (19122508)                387503.88
3744068.51       25.75242  (19122508)
        387503.88   3744118.51       19.09982  (19122508)                387553.88
3744068.51       27.03959  (19122508)
        387553.88   3744118.51       17.09741  (19122508)                387015.27
3744263.55       13.35310  (19122508)
        387015.27   3744313.55       11.10438  (19122508)                387015.27
3744363.55        8.71081  (19122508)
        387015.27   3744413.55        6.42179  (19122508)                387015.27
3744463.55        4.47927  (19122508)
        387015.27   3744513.55        4.03272  (15021708)                387015.27
3744563.55        3.70570  (15021708)
        387015.27   3744613.55        3.36447  (15021708)                387015.27
3744663.55        3.21724  (19020408)
        387015.27   3744713.55        3.14981  (19020408)                387015.27
3744763.55        3.07445  (19020408)
        387015.27   3744813.55        2.99186  (19020408)                387015.27
3744863.55        2.90290  (19020408)
        387065.27   3744263.55       13.00739  (19122508)                387065.27
3744313.55       10.46112  (19122508)
        387065.27   3744363.55        7.88255  (19122508)                387065.27
3744413.55        5.56591  (19122508)
        387065.27   3744463.55        4.33506  (15021708)                387065.27
3744513.55        3.97406  (15021708)
        387065.27   3744563.55        3.59683  (15021708)                387065.27
3744613.55        3.49994  (19020408)
        387065.27   3744663.55        3.40934  (19020408)                387065.27
3744713.55        3.31116  (19020408)
        387065.27   3744763.55        3.20617  (19020408)                387065.27
3744813.55        3.09531  (19020408)
        387065.27   3744863.55        2.97969  (19020408)                387115.27
3744263.55       12.49470  (19122508)
        387115.27   3744313.55        9.66422  (19122508)                387115.27
3744363.55        6.95379  (19122508)
        387115.27   3744413.55        4.69587  (19122508)                387115.27
3744463.55        4.28565  (15021708)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 ,
L0000381 , L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , . . . ,

*** 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)
387115.27	3744513.55	3.92260	(19020408)	387115.27	3744563.55	3.81140	(19020408)
387115.27	3744613.55	3.69277	(19020408)	387115.27	3744663.55	3.56724	(19020408)
387115.27	3744713.55	3.43566	(19020408)	387115.27	3744763.55	3.29908	(19020408)
387115.27	3744813.55	3.15875	(19020408)	387115.27	3744863.55	3.01600	(19020408)
387165.27	3744263.55	11.80318	(19122508)	387165.27	3744313.55	8.71438	(19122508)
387165.27	3744363.55	5.95595	(19122508)	387165.27	3744413.55	4.65149	(15021708)
387165.27	3744463.55	4.30297	(19020408)	387165.27	3744513.55	4.15640	(19020408)
387165.27	3744563.55	4.00370	(19020408)	387165.27	3744613.55	3.84532	(19020408)
387165.27	3744663.55	3.68206	(19020408)	387165.27	3744713.55	3.51515	(19020408)
387165.27	3744763.55	3.34595	(19020408)	387165.27	3744813.55	3.25077	(17012008)
387165.27	3744863.55	3.16376	(17012008)	387215.27	3744263.55	10.91689	(19122508)
387215.27	3744313.55	7.62347	(19122508)	387215.27	3744363.55	5.08680	(15021708)

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        387215.27   3744413.55        4.73221  (19020408)               387215.27
3744463.55        4.54165  (19020408)
        387215.27   3744513.55        4.34713  (19020408)               387215.27
3744563.55        4.14894  (19020408)
        387215.27   3744613.55        3.94780  (19020408)               387215.27
3744663.55        3.78927  (17012008)
        387215.27   3744713.55        3.67601  (17012008)               387215.27
3744763.55        3.56148  (17012008)
        387215.27   3744813.55        3.44607  (17012008)               387215.27
3744863.55        3.33021  (17012008)
        387265.27   3744263.55        9.81562  (19122508)               387265.27
3744313.55        6.42876  (19122508)
        387265.27   3744363.55        5.31080  (16021208)               387265.27
3744413.55        4.97668  (19020408)
        387265.27   3744463.55        4.73034  (19020408)               387265.27
3744513.55        4.49937  (17012008)
        387265.27   3744563.55        4.34557  (17012008)               387265.27
3744613.55        4.19286  (17012008)
        387265.27   3744663.55        4.04101  (17012008)               387265.27
3744713.55        3.89013  (17012008)
        387265.27   3744763.55        3.74050  (17012008)               387265.27
3744813.55        3.59257  (17012008)
        387265.27   3744863.55        3.44688  (17012008)               387315.27
3744263.55        8.49491  (19122508)
        387315.27   3744313.55        6.15315  (16021208)               387315.27
3744363.55        5.59146  (16021208)
        387315.27   3744413.55        5.25814  (17012008)               387315.27
3744463.55        5.04263  (17012008)
        387315.27   3744513.55        4.83359  (17012008)               387315.27
3744563.55        4.62971  (17012008)
        387315.27   3744613.55        4.43032  (17012008)               387315.27
3744663.55        4.23516  (17012008)
        387315.27   3744713.55        4.04443  (17012008)               387315.27
3744763.55        3.85850  (17012008)
        387315.27   3744813.55        3.67784  (17012008)               387315.27
3744863.55        3.50294  (17012008)
        387365.27   3744263.55        7.23377  (16021208)               387365.27
3744313.55        6.50429  (16021208)
        387365.27   3744363.55        5.94327  (17012008)               387365.27
3744413.55        5.64936  (17012008)
        387365.27   3744463.55        5.36983  (17012008)               387365.27
3744513.55        5.10180  (17012008)
        387365.27   3744563.55        4.84364  (17012008)               387365.27
3744613.55        4.59456  (17012008)
        387365.27   3744663.55        4.35443  (17012008)               387365.27
3744713.55        4.12354  (17012008)
        387365.27   3744763.55        3.90221  (17012008)               387365.27
3744813.55        3.69076  (17012008)
        387365.27   3744863.55        3.54821  (17021008)               387415.27
3744313.55        6.85671  (16021208)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000368 , L0000369 , L0000370 , L0000371 , L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 , L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , . . . ,

*** 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)
387415.27	3744363.55	6.33155	(17012008)	387415.27	3744413.55	5.96147	(17012008)
387415.27	3744463.55	5.61255	(17012008)	387415.27	3744513.55	5.28117	(17012008)
387415.27	3744563.55	4.96597	(17012008)	387415.27	3744613.55	4.71508	(17021008)
387415.27	3744663.55	4.49842	(17021008)	387415.27	3744713.55	4.29571	(17021008)
387415.27	3744763.55	4.10546	(17021008)	387415.27	3744813.55	3.92648	(17021008)
387415.27	3744863.55	3.75782	(17021008)	387465.27	3744513.55	5.62252	(17021008)
387465.27	3744563.55	5.31544	(17021008)	387465.27	3744613.55	5.03263	(17021008)
387465.27	3744663.55	4.77092	(17021008)	387465.27	3744713.55	4.52795	(17021008)
387465.27	3744763.55	4.30187	(17021008)	387465.27	3744813.55	4.09114	(17021008)
387465.27	3744863.55	3.89444	(17021008)	387515.27	3744663.55	4.93893	(17021008)
387515.27	3744713.55	4.65808	(17021008)	387515.27			

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3744763.55        4.39948  (17021008)
        387515.27   3744813.55        4.16099  (17021008)                387515.27
3744863.55        3.94071  (17021008)
        387565.27   3744813.55        4.30323  (18122108)                387565.27
3744863.55        4.06992  (18122108)
        387524.44   3742913.36       42.93924  (15020308)                387574.44
3742963.36       41.46814  (15020308)
        387574.44   3743013.36       44.54561  (15020308)                387624.44
3742963.36       38.17747  (15122308)
        387624.44   3743013.36       41.91799  (15122308)                387624.44
3743063.36       45.30361  (15122308)
        387674.44   3742963.36       34.29100  (15122308)                387674.44
3743013.36       35.23714  (15122308)
        387674.44   3743063.36       38.70686  (17121408)                387674.44
3743113.36       43.05304  (17121408)
        387724.44   3742963.36       30.27175  (17121408)                387724.44
3743013.36       33.17949  (17121408)
        387724.44   3743063.36       34.82510  (19121108)                387724.44
3743113.36       37.66109  (15010708)
        387774.44   3742963.36       28.59508  (17121408)                387774.44
3743013.36       30.06850  (15010708)
        387774.44   3743063.36       31.97872  (18010308)                387774.44
3743113.36       33.87264  (18123108)
        387774.44   3743163.36       36.05135  (16011108)                387824.44
3742963.36       26.49848  (15010708)
        387824.44   3743013.36       27.96382  (18010308)                387824.44
3743063.36       29.32908  (18123108)
        387824.44   3743113.36       30.81582  (16011108)                387824.44
3743163.36       32.74891  (18121408)
        387824.44   3743213.36       32.15753  (16011908)                387874.44
3742963.36       24.87298  (18010308)
        387874.44   3743013.36       25.92339  (18123108)                387874.44
3743063.36       26.80797  (16012508)
        387874.44   3743113.36       28.39854  (18121408)                387874.44
3743163.36       29.21566  (16011908)
        387874.44   3743213.36       28.97088  (16011208)                387874.44
3743263.36       31.36815  (16122908)
        387924.44   3742963.36       23.27438  (18123108)                387924.44
3743013.36       23.90713  (18012608)
        387924.44   3743063.36       25.19857  (16011108)                387924.44
3743113.36       26.23234  (16011908)
        387924.44   3743163.36       25.85990  (16011908)                387924.44
3743213.36       26.08542  (16011208)
        387924.44   3743263.36       28.06153  (16122908)                387924.44
3743313.36       28.86153  (18123108)
        387974.44   3742963.36       21.70473  (18012608)                387974.44
3743013.36       22.55905  (16011108)
        387974.44   3743063.36       23.45376  (18121408)                387974.44
3743113.36       23.96351  (16011908)
        387974.44   3743163.36       23.15226  (15010708)                387974.44
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3743213.36   24.25893 (18010308)
        387974.44   3743263.36   25.30555 (16122908)   387974.44
3743313.36   26.03918 (18012608)
        387974.44   3743363.36   27.22009 (16011108)   388024.44
3742963.36   20.36443 (16012508)
        388024.44   3743013.36   21.24955 (16011108)   388024.44
3743063.36   21.96745 (16011908)
        388024.44   3743113.36   21.79631 (16011908)   388024.44
3743163.36   21.82516 (18010308)
        388024.44   3743213.36   22.57044 (18123108)   388024.44
3743263.36   23.17737 (18012608)
        388024.44   3743313.36   24.13393 (16011108)   388024.44
3743363.36   24.96734 (18121408)
        388024.44   3743413.36   24.75907 (18121408)   388074.44
3742963.36   19.48970 (16011108)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                  INCLUDING SOURCE(S):   L0000368   , L0000369
, L0000370   , L0000371   , L0000372   ,
                 L0000373   , L0000374   , L0000375   , L0000376   , L0000377
, L0000378   , L0000379   , L0000380   ,
                 L0000381   , L0000382   , L0000383   , L0000384   , L0000385
, L0000386   , L0000387   , L0000388   ,
                 L0000389   , L0000390   , L0000391   , L0000392   , L0000393
, L0000394   , L0000395   , . . .   ,

                                          *** 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)
 -
- -
        388074.44   3743013.36   20.00694 (18121408)   388074.44
3743063.36   20.42971 (16011908)
        388074.44   3743113.36   19.98854 (16011908)   388074.44
3743163.36   20.46056 (18123108)
        388074.44   3743213.36   20.95103 (18012608)   388074.44
3743263.36   21.70449 (16011108)

```
        388074.44   3743313.36       22.41155  (18121408)                388074.44
3743363.36       22.67585  (18121408)
        388074.44   3743413.36       22.81021  (15010708)                388074.44
3743463.36       24.52904  (18010308)
        388124.44   3742963.36       18.42147  (16011108)                388124.44
3743013.36       18.97532  (16011908)
        388124.44   3743063.36       18.97601  (16011908)                388124.44
3743113.36       18.77966  (18123108)
        388124.44   3743163.36       19.17744  (18012608)                388124.44
3743213.36       19.77293  (16011108)
        388124.44   3743263.36       20.31457  (18121408)                388124.44
3743313.36       20.80654  (18121408)
        388124.44   3743363.36       20.63176  (16011908)                388124.44
3743413.36       21.75069  (18010308)
        388174.44   3742963.36       17.50232  (18121408)                388174.44
3743013.36       17.91326  (16011908)
        388174.44   3743063.36       17.75453  (16011908)                388174.44
3743113.36       17.72756  (18012608)
        388174.44   3743163.36       18.22274  (16011108)                388174.44
3743213.36       18.72583  (16011108)
        388174.44   3743263.36       19.16333  (18121408)                388174.44
3743313.36       19.28291  (16011908)
        388174.44   3743363.36       19.57569  (18123108)                388174.44
3743413.36       20.51934  (18012608)
        388224.44   3742963.36       16.78426  (16011908)                388224.44
3743013.36       16.90615  (16011908)
        388224.44   3743063.36       16.73017  (16011908)                388224.44
3743113.36       16.96800  (16011108)
        388224.44   3743163.36       17.39415  (16011108)                388224.44
3743213.36       17.74670  (18121408)
        388224.44   3743263.36       18.02934  (16011908)                388224.44
3743313.36       17.98774  (16011908)
        388224.44   3743363.36       18.59324  (18012608)                388274.44
3742963.36       16.03266  (16011908)
        388274.44   3743013.36       16.03803  (16011908)                387475.71
3743311.02      180.38135  (15011308)
        387490.71   3743311.02      216.90282  (15020308)                387451.13
3743316.16      164.40222  (17122908)
        387379.86   3743317.08      155.41439  (16021108)                387399.86
3743317.08      160.96888  (16021108)
        387419.86   3743317.08      164.01938  (16021108)                387439.86
3743317.08      166.45568  (17122908)
        387019.21   3742972.33        8.33958  (18010808)                387019.21
3743022.33       10.78044  (15121008)
        387019.21   3743072.33       16.08384  (15121008)                387019.21
3743122.33       21.57753  (15121008)
        387019.21   3743172.33       25.52482  (15011208)                387019.21
3743222.33       26.47854  (15011208)
        387019.21   3743272.33       26.43319  (17010908)                387019.21
3743322.33       30.64746  (19013008)
```

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        387069.21   3742972.33        9.47318  (18010808)                387069.21
3743022.33        9.79331  (18010808)
        387069.21   3743072.33       13.99587  (15121008)                387069.21
3743122.33       20.84826  (15121008)
        387069.21   3743172.33       27.12657  (15121008)                387069.21
3743222.33       30.38419  (15011208)
        387069.21   3743272.33       30.68564  (17010908)                387069.21
3743322.33       36.05473  (19013008)
        387119.21   3742972.33       10.33386  (18010808)                387119.21
3743022.33       11.20492  (18010808)
        387119.21   3743072.33       11.77186  (18010808)                387119.21
3743122.33       18.71483  (15121008)
        387119.21   3743172.33       27.68552  (15121008)                387119.21
3743222.33       34.67145  (15011208)
        387119.21   3743272.33       36.64553  (17010908)                387119.21
3743322.33       43.55842  (19013008)
        387169.21   3742972.33       10.71587  (18010808)                387169.21
3743022.33       12.19838  (18010808)
        387169.21   3743072.33       13.57482  (18010808)                387169.21
3743122.33       15.28844  (15121008)
        387169.21   3743172.33       26.01546  (15121008)                387169.21
3743222.33       38.07256  (15121008)
        387169.21   3743272.33       44.70910  (17010908)                387169.21
3743322.33       54.55243  (19013008)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:36:55

                                    PAGE 531
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                    INCLUDING SOURCE(S):     L0000368    , L0000369
, L0000370    , L0000371    , L0000372    ,
                   L0000373    , L0000374    , L0000375    , L0000376    , L0000377
, L0000378    , L0000379    , L0000380    ,
                   L0000381    , L0000382    , L0000383    , L0000384    , L0000385
, L0000386    , L0000387    , L0000388    ,
                   L0000389    , L0000390    , L0000391    , L0000392    , L0000393
, L0000394    , L0000395    ,  . . .      ,

                                                *** 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)
 -
- -
        387219.21   3742972.33   10.46247 (18010808)   387219.21
3743022.33   12.47849 (18010808)
        387219.21   3743072.33   14.70529 (18010808)   387219.21
3743122.33   17.00408 (18010808)
        387219.21   3743172.33   21.84780 (15121008)   387219.21
3743222.33   38.23365 (15121008)
        387219.21   3743272.33   56.27041 (15011208)   387219.21
3743322.33   71.50746 (19013008)
        387269.21   3742972.33   9.55173 (18010808)   387269.21
3743022.33   11.86615 (18010808)
        387269.21   3743072.33   14.72751 (18010808)   387269.21
3743122.33   18.19526 (18010808)
        387269.21   3743172.33   22.29269 (18010808)   387269.21
3743222.33   33.58904 (15121008)
        387269.21   3743272.33   62.17498 (15121008)   387269.21
3743322.33   107.37754 (17010908)
        387319.21   3742972.33   15.30523 (15020308)   387319.21
3743022.33   17.19121 (15020308)
        387319.21   3743072.33   19.83057 (15020308)   387319.21
3743122.33   23.69678 (15020308)
        387319.21   3743172.33   29.72900 (15020308)   387319.21
3743222.33   40.35123 (15020308)
        387319.21   3743272.33   63.15534 (15011308)   387319.21
3743322.33   145.93133 (17010908)
        387369.21   3742972.33   23.26176 (15020308)   387369.21
3743022.33   25.70513 (15020308)
        387369.21   3743072.33   28.97717 (15020308)   387369.21
3743122.33   33.60029 (15020308)
        387369.21   3743172.33   40.52014 (15020308)   387369.21
3743222.33   51.91268 (15020308)
        387369.21   3743272.33   75.10843 (15011308)   387419.21
3742972.33   32.58639 (15020308)
        387419.21   3743022.33   35.45443 (15020308)   387419.21
3743072.33   38.90034 (15020308)
        387419.21   3743122.33   43.29545 (15020308)   387419.21
3743172.33   49.49587 (15020308)
        387419.21   3743222.33   59.89904 (15020308)   387419.21
3743272.33   82.51603 (15011308)
        387469.21   3743072.33   55.03608 (15020308)   387469.21
3743122.33   63.51172 (15020308)
        387469.21   3743172.33   75.12701 (15020308)   387469.21
3743222.33   92.10473 (15020308)
        387469.21   3743272.33   120.25362 (15020308)   387578.38
3743390.44   93.70099 (16021108)
        387608.38   3743390.44   83.79431 (15020308)   387638.38
3743390.44   75.78568 (15020308)
        387369.87   3743365.20   208.35969 (19011808)   387399.87

3743365.20   205.25454 (19011808)
        387429.87   3743365.20   197.78994 (19011808)   387459.87
3743365.20   203.36568 (16021208)
        387489.87   3743365.20   235.52968 (16021208)   387489.87
3743395.20   204.26968 (16021208)
        388754.52   3743939.25   6.58003 (16012908)   388754.52
3743989.25   7.11488 (16012908)
        388754.52   3744039.25   5.34603 (16012908)   388754.52
3744089.25   2.67760 (16021208)
        388754.52   3744139.25   2.61671 (16021208)   388754.52
3744189.25   2.55093 (16021208)
        388804.52   3743889.25   6.44220 (18010908)   388804.52
3743939.25   7.32415 (16012908)
        388804.52   3743989.25   8.08951 (16012908)   388804.52
3744039.25   8.62297 (16012908)
        388804.52   3744089.25   7.12206 (16012908)   388804.52
3744139.25   2.45523 (16021208)
        388804.52   3744189.25   2.39805 (16021208)   388804.52
3744239.25   2.33749 (16021208)
        388804.52   3744289.25   2.43941 (19122709)   388854.52
3743889.25   6.08278 (16012908)
        388854.52   3743939.25   7.13293 (16012908)   388854.52
3743989.25   7.93832 (16012908)
        388854.52   3744039.25   8.57540 (16012908)   388854.52
3744089.25   8.95320 (16012908)
        388854.52   3744139.25   2.64357 (16012908)   388854.52
3744189.25   2.26751 (18122410)
        388854.52   3744239.25   2.30250 (18122410)   388854.52
3744289.25   2.31776 (19122709)
        388854.52   3744339.25   2.43431 (19122709)   388904.52
3743889.25   5.78640 (16012908)
        388904.52   3743939.25   6.77233 (16012908)   388904.52
3743989.25   7.64925 (16012908)

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                  INCLUDING SOURCE(S):   L0000368   , L0000369
, L0000370   , L0000371   , L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377
, L0000378   , L0000379   , L0000380   ,
                L0000381   , L0000382   , L0000383   , L0000384   , L0000385
, L0000386   , L0000387   , L0000388   ,
                L0000389   , L0000390   , L0000391   , L0000392   , L0000393

, L0000394   , L0000395   , . . .   ,

*** 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)
388904.52	3744039.25	8.40562	(16012908)	388904.52	3744089.25	8.98753	(16012908)
388904.52	3744139.25	9.26386	(16012908)	388904.52	3744189.25	6.09664	(16012908)
388904.52	3744239.25	2.26051	(18122410)	388904.52	3744289.25	2.25330	(18122410)
388904.52	3744339.25	2.32681	(19122709)	388904.52	3744389.25	2.42033	(19122709)
388904.52	3744439.25	2.45466	(19122709)	388954.52	3743939.25	6.43333	(16012908)
388954.52	3743989.25	7.47635	(16012908)	388954.52	3744039.25	8.37684	(16012908)
388954.52	3744089.25	9.14110	(16012908)	388954.52	3744139.25	9.69831	(16012908)
388882.82	3743721.97	12.63438	(18010908)	388882.82	3743771.97	11.27943	(18010908)
388932.82	3743721.97	12.10264	(18010908)	388932.82	3743771.97	10.68269	(18010908)
388932.82	3743821.97	8.57211	(18010908)	387765.02	3743382.77	47.55630	(17121408)
387815.02	3743382.77	40.57774	(15010708)	387815.02	3743432.77	43.25043	(18010308)
387865.02	3743382.77	35.33121	(18123108)	387865.02	3743432.77	36.73900	(16011108)
387915.02	3743382.77	30.97597	(18011508)	387915.02	3743432.77	32.61352	(18121408)
387965.02	3743432.77	28.57140	(18121408)	387713.39	3743372.67	54.97868	(15122308)
387763.39	3743422.67	51.03106	(19121108)	387583.29	3743113.63	57.35955	(15122308)
387583.29	3743163.63	66.06867	(15122308)	387583.29	3743213.63	72.84381	(15122308)
387583.29	3743263.63	89.74500	(17121408)	387633.29	3743163.63	53.56296	(17121408)
387633.29	3743213.63	58.76897	(15010708)	387633.29	3743263.63	64.77515	(18121408)
387633.29	3743313.63	78.80939	(16122908)	387683.29	3743263.63	52.05769	(18121408)

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        387683.29   3743313.63       61.30343  (19123108)                388242.48
3743969.33        7.85474  (18010908)
        388242.48   3744019.33        6.94299  (16021208)                388242.48
3744069.33        6.57625  (16021208)
        388242.48   3744119.33        6.23670  (18102208)                388242.48
3744169.33        5.78967  (16021208)
        388242.48   3744219.33        5.39942  (16021208)                388242.48
3744269.33        5.02431  (16021208)
        388242.48   3744319.33        5.15408  (17091308)                388242.48
3744369.33        5.30375  (17091308)
        388242.48   3744419.33        5.13904  (17091308)                388242.48
3744469.33        4.72212  (17091308)
        388292.48   3743969.33        7.13003  (18010908)                388292.48
3744019.33        6.16529  (16021208)
        388292.48   3744069.33        5.87936  (16021208)                388292.48
3744119.33        5.61482  (18102208)
        388292.48   3744169.33        5.30734  (18102208)                388292.48
3744219.33        4.94110  (16021208)
        388292.48   3744269.33        4.63315  (16021208)                388292.48
3744319.33        4.33758  (16021208)
        388292.48   3744369.33        4.51711  (17091308)                388292.48
3744419.33        4.65971  (17091308)
        388292.48   3744469.33        4.56460  (17091308)                388292.48
3744519.33        4.27217  (17091308)
        388292.48   3744569.33        3.82858  (17091308)                388780.42
3742965.27       13.89853  (18011208)
        388780.42   3743015.27       14.07001  (18011208)                388780.42
3743065.27       13.96133  (18011208)
        388780.42   3743115.27       14.20021  (18010108)                388780.42
3743165.27       14.43529  (18010108)
        388780.42   3743215.27       14.45730  (18010108)                388830.42
3742965.27       13.65830  (18011208)
        388830.42   3743015.27       13.72778  (18011208)                388830.42
3743065.27       13.76463  (18011208)
        388830.42   3743115.27       14.32791  (18010108)                388830.42
3743165.27       14.53534  (18010108)
        388880.42   3742965.27       13.51921  (18011208)                388880.42
3743015.27       13.47914  (18011208)
        388880.42   3743065.27       13.50970  (18011208)                388880.42
3743115.27       14.09796  (18010108)
        388880.42   3743165.27       14.24495  (18010108)                388930.42
3742965.27       13.26563  (18011208)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 533
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 ,
L0000381 , L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , . . . ,

*** 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)
388930.42	3743015.27	13.21023	(18011208)	388930.42	3743065.27	13.35905	(18010108)
388930.42	3743115.27	13.89672	(18010108)	388930.42	3743165.27	14.00515	(18010108)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 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 , . . . ,

*** 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)
387507.26	3743641.71	109.51049	(15011208)	387507.26	3743691.71	126.60597	(17010908)
387507.26	3743741.71	133.24520	(17010908)	387507.26	3743791.71	115.45252	(19011108)
387507.26	3743841.71	125.49764	(19013008)	387557.26	3743641.71	121.20622	(15121008)
387557.26	3743691.71	158.91096	(19121008)	387557.26	3743741.71	186.34681	(17010908)
387557.26	3743791.71	150.92157	(18011108)	387557.26	3743841.71	148.77808	(19013008)
387557.26	3743891.71	151.84300	(19013008)	387557.26	3743941.71	150.63340	(18012508)
387557.26	3743991.71	146.40852	(16122308)	387607.26	3743841.71	181.83095	(19013008)
387607.26	3743891.71	173.66651	(19013008)	387607.26	3743941.71	173.53745	(18012508)
387607.26	3743991.71	170.30435	(16122308)	387607.26	3744041.71	147.60518	(19011808)
387607.26	3744091.71	140.09563	(19122508)	387657.26	3743841.71	221.45018	(19013008)
387657.26	3743891.71	204.43051	(19013008)	387657.26	3743941.71	204.68069	(18012508)
387657.26	3743991.71	200.75451	(16122308)	387657.26	3744041.71	173.13732	(19122508)
387657.26	3744091.71	140.85729	(19122508)	387657.26	3744141.71	86.63276	(19122508)
387707.26	3743841.71	251.63378	(19013008)	387707.26	3743891.71	251.40596	(19013008)
387707.26	3743941.71	252.47303	(18012508)	387707.26	3743991.71	245.01491	(16122308)
387707.26	3744041.71	200.44143	(19122508)	387707.26	3744091.71	127.39257	(19122508)
387707.26	3744141.71	70.31341	(19122508)	387757.26	3743841.71	315.96938	(19013008)
387757.26	3743891.71	347.29130	(19013008)	387757.26	3743941.71	349.57034	(18012508)
387757.26	3743991.71	326.17773	(16122308)	387757.26	3744041.71	196.73853	(19122508)
387757.26	3744091.71	111.19478	(19122508)	387757.26	3744141.71	53.35265	(19122508)
387862.10	3744056.02	130.45526	(19122508)	387862.10	3744106.02	67.95514	(16021208)
387912.10	3744056.02	108.00261	(16021208)	387912.10	3744106.02	70.08141	(16021208)
387962.10	3744056.02	106.82795	(16021208)	387962.10	3744106.02	69.46323	(16021208)

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        388012.10   3744056.02      101.60772  (16021208)                388012.10
3744106.02       66.29115  (16021208)
        388062.10   3744056.02       91.61469  (16021208)                388062.10
3744106.02       60.61988  (16021208)
        387863.31   3744015.45      247.85523  (19122508)                387913.31
3744015.45      222.51265  (15010808)
        387963.31   3744015.45      188.64851  (15010808)                388013.31
3744015.45      171.30446  (16021208)
        388063.31   3744015.45      154.60434  (16021208)                387826.23
3744056.86      144.50879  (19122508)
        387826.23   3744106.86       64.40641  (19122508)                387827.44
3744016.29      256.32054  (19122508)
        387689.52   3743645.82      101.06921  (16021208)                387689.52
3743695.82      106.50276  (16021208)
        387689.52   3743745.82      128.53042  (19121008)                387739.52
3743645.82       75.29303  (16021208)
        387739.52   3743695.82       88.16449  (16021208)                387739.52
3743745.82      115.68013  (16021208)
        387789.52   3743645.82       95.64189  (15020308)                387789.52
3743695.82      119.67253  (15020308)
        387789.52   3743745.82      165.92170  (15020308)                387839.52
3743645.82      122.03350  (15020308)
        387839.52   3743695.82      144.91639  (15020308)                387839.52
3743745.82      177.75465  (15020308)
        387889.52   3743645.82      109.27869  (15020308)                387889.52
3743695.82      134.74715  (15122308)
        387889.52   3743745.82      166.62650  (15122308)                387939.52
3743695.82      129.12995  (15122308)
        387939.52   3743745.82      161.46914  (16012208)                387989.52
3743745.82      161.72625  (15010708)
        387692.61   3743778.61      194.26592  (19121008)                387742.61
3743778.61      166.55516  (19121008)
        387792.61   3743778.61      231.94674  (15020308)                387842.61
3743778.61      207.11590  (15020308)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:36:55

                                   PAGE 535
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** 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)
387892.61	3743778.61	197.11674	(18020108)	387942.61	3743778.61	197.64091	(18013108)
387992.61	3743778.61	200.48624	(18010308)	387654.54	3743692.47	143.20578	(16021208)
387654.54	3743742.47	154.33419	(16021208)	387705.59	3744244.86	27.39687	(15021708)
387705.59	3744294.86	22.61925	(16021208)	387755.59	3744244.86	28.65642	(16021208)
387755.59	3744294.86	23.94237	(16021208)	387755.59	3744344.86	20.63060	(17012008)
387755.59	3744394.86	18.90163	(17012008)	387805.59	3744294.86	25.03121	(16021208)
387805.59	3744344.86	21.52938	(17012008)	387805.59	3744394.86	19.35287	(17012008)
387805.59	3744444.86	17.49977	(17012008)	387805.59	3744494.86	16.12390	(17021008)
387805.59	3744544.86	14.96914	(17021008)	387855.59	3744444.86	18.63664	(18122108)
387855.59	3744494.86	16.79849	(18122108)	387855.59	3744544.86	15.49563	(17021008)
387855.59	3744594.86	14.36892	(17021008)	387905.59	3744544.86	17.72234	(18122108)
387905.59	3744594.86	16.21351	(18122108)	387905.59	3744644.86	14.91476	(18122108)
387905.59	3744694.86	13.78740	(18122108)	387955.59	3744644.86	16.55646	(18122108)
387463.28	3744230.92	68.43271	(19122508)	387463.28	3744280.92	39.52684	(19122508)
387463.28	3744330.92	20.52813	(15021708)	387513.28	3744230.92	56.68831	(19122508)
387513.28	3744280.92	28.83320	(19122508)	387513.28	3744330.92	23.02333	(15021708)
387513.28	3744380.92	20.91146	(15021708)	387513.28	3744430.92	17.88991	(15021708)
387513.28	3744480.92	14.51451	(15021708)	387563.28	3744230.92	43.72700	(19122508)
387563.28	3744280.92	26.58991	(15021708)	387563.28			

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3744330.92       23.66459  (15021708)
        387563.28   3744380.92       19.86129  (15021708)                387563.28
3744430.92       15.82411  (15021708)
        387563.28   3744480.92       12.49452  (19020408)                387563.28
3744530.92       12.37167  (19020408)
        387563.28   3744580.92       12.08736  (19020408)                387563.28
3744630.92       11.66128  (19020408)
        387613.28   3744230.92       31.48701  (19122508)                387613.28
3744280.92       27.11959  (15021708)
        387613.28   3744330.92       22.24613  (15021708)                387613.28
3744380.92       17.38018  (15021708)
        387613.28   3744430.92       14.89780  (19020408)                387613.28
3744480.92       14.38941  (19020408)
        387613.28   3744530.92       13.72645  (19020408)                387613.28
3744580.92       12.94565  (19020408)
        387613.28   3744630.92       12.07961  (19020408)                387613.28
3744680.92       11.15861  (19020408)
        387663.28   3744330.92       19.29092  (16021208)                387663.28
3744380.92       17.72777  (19020408)
        387663.28   3744430.92       16.59932  (19020408)                387663.28
3744480.92       15.40223  (19020408)
        387663.28   3744530.92       14.16691  (19020408)                387663.28
3744580.92       12.91682  (19020408)
        387663.28   3744630.92       12.13444  (17012008)                387663.28
3744680.92       11.63746  (17012008)
        387713.28   3744480.92       15.54525  (17012008)                387713.28
3744530.92       14.64929  (17012008)
        387713.28   3744580.92       13.79708  (17012008)                387713.28
3744630.92       12.97902  (17012008)
        387713.28   3744680.92       12.18997  (17012008)                387763.28
3744580.92       14.03327  (17012008)
        387763.28   3744630.92       12.94098  (17012008)                387763.28
3744680.92       11.92159  (17012008)
        387813.28   3744680.92       12.61715  (17021008)                387465.01
3744212.81       78.86038  (19122508)
        387515.01   3744212.81       68.42952  (19122508)                387565.01
3744212.81       55.17604  (19122508)
        387615.01   3744212.81       41.56524  (19122508)                387436.03
3744192.12       90.72641  (19122508)
        386968.99   3743502.23       41.25717  (17010908)                386968.99
3743552.23       38.66648  (17010908)
        386968.99   3743602.23       38.18210  (18011108)                386968.99
3743652.23       37.58222  (16011508)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                        ***       14:36:55

                                  PAGE 536
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): 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 , . . . ,

*** 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)
386968.99	3743702.23	39.43648	(19011108)	386968.99	3743752.23	39.07877	(19011108)
386968.99	3743802.23	40.28268	(19011608)	386968.99	3743852.23	50.73025	(19013008)
386968.99	3743902.23	60.26400	(19013008)	386968.99	3743952.23	57.45946	(19013008)
386968.99	3744002.23	59.69075	(18012508)	386968.99	3744052.23	58.16843	(18012508)
386968.99	3744102.23	56.86824	(17010208)	386968.99	3744152.23	58.21354	(16122308)
387018.99	3743502.23	43.88460	(17010908)	387018.99	3743552.23	43.07679	(17010908)
387018.99	3743602.23	40.82793	(18011108)	387018.99	3743652.23	40.04255	(16011508)
387018.99	3743702.23	41.46802	(19011108)	387018.99	3743752.23	42.27911	(19011108)
387018.99	3743802.23	42.84274	(19011608)	387018.99	3743852.23	53.83702	(19013008)
387018.99	3743902.23	63.96436	(19013008)	387018.99	3743952.23	60.61973	(19013008)
387018.99	3744002.23	63.76197	(18012508)	387018.99	3744052.23	60.28560	(18012508)
387018.99	3744102.23	59.43276	(17010208)	387018.99	3744152.23	60.79350	(16122308)
387068.99	3743502.23	46.04132	(17010908)	387068.99	3743552.23	47.25764	(17010908)
387068.99	3743602.23	43.72140	(17020908)	387068.99	3743652.23	43.48481	(18011108)

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        387068.99   3743702.23       43.48658  (19011108)                387068.99
3743752.23       45.70423  (19011108)
        387068.99   3743802.23       45.64828  (19011608)                387068.99
3743852.23       57.32060  (19013008)
        387068.99   3743902.23       68.05139  (19013008)                387068.99
3743952.23       64.08302  (19013008)
        387068.99   3744002.23       68.08274  (18012508)                387068.99
3744052.23       62.81112  (17010208)
        387068.99   3744102.23       64.21526  (16122308)                387068.99
3744152.23       62.64365  (16122308)
        387118.99   3743502.23       47.78504  (17010908)                387118.99
3743552.23       51.03425  (17010908)
        387118.99   3743602.23       49.10873  (17010908)                387118.99
3743652.23       47.71599  (18011108)
        387118.99   3743702.23       46.66808  (16011508)                387118.99
3743752.23       49.37563  (19011108)
        387118.99   3743802.23       48.75141  (19011608)                387118.99
3743852.23       61.27162  (19013008)
        387118.99   3743902.23       72.59068  (19013008)                387118.99
3743952.23       67.97229  (18021208)
        387118.99   3744002.23       72.65002  (18012508)                387118.99
3744052.23       67.83217  (17010208)
        387118.99   3744102.23       69.40276  (16122308)                387118.99
3744152.23       63.56778  (16122308)
        387168.99   3743502.23       52.18502  (19121008)                387168.99
3743552.23       54.20862  (17010908)
        387168.99   3743602.23       55.03602  (17010908)                387168.99
3743652.23       51.91007  (18011108)
        387168.99   3743702.23       50.92742  (16011508)                387168.99
3743752.23       53.31388  (19011108)
        387168.99   3743802.23       52.21273  (19011608)                387168.99
3743852.23       65.77768  (19013008)
        387168.99   3743902.23       77.64700  (19013008)                387168.99
3743952.23       72.60724  (18021208)
        387168.99   3744002.23       77.47724  (18012508)                387168.99
3744052.23       72.91140  (17010208)
        387168.99   3744102.23       74.24753  (16122308)                387168.99
3744152.23       63.36424  (16122308)
        387218.99   3743502.23       57.56787  (15011208)                387218.99
3743552.23       56.74922  (17010908)
        387218.99   3743602.23       60.57371  (17010908)                387218.99
3743652.23       56.89891  (17010908)
        387218.99   3743702.23       55.66508  (18011108)                387218.99
3743752.23       57.56751  (19011108)
        387218.99   3743802.23       56.10683  (19011608)                387218.99
3743852.23       70.97353  (19013008)
        387218.99   3743902.23       83.31150  (19013008)                387218.99
3743952.23       77.69531  (18021208)
        387218.99   3744002.23       82.59514  (18012508)                387218.99
3744052.23       77.96991  (17010208)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 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 , . . . ,

*** 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)
387268.99	3743502.23	62.99651	(15011208)	387268.99	3743552.23	61.98644	(19121008)
387268.99	3743602.23	65.36324	(17010908)	387268.99	3743652.23	65.70599	(17010908)
387268.99	3743702.23	62.73504	(18011108)	387268.99	3743752.23	62.23941	(19011108)
387268.99	3743802.23	61.50356	(19011108)	387268.99	3743852.23	77.02302	(19013008)
387268.99	3743902.23	89.67617	(19013008)	387268.99	3743952.23	84.13168	(18012508)
387268.99	3744002.23	88.05474	(18012508)	387268.99	3744052.23	83.41928	(16122308)
387268.99	3744102.23	81.86137	(16122308)	387268.99	3744152.23	70.39156	(19011808)
387318.99	3743552.23	68.37587	(15011208)	387318.99	3743602.23	69.16196	(17010908)
387318.99	3743652.23	74.56969	(17010908)	387318.99	3743702.23	70.33258	(18011108)
387318.99	3743752.23	67.53502	(16011508)	387318.99			

3743802.23 68.71913 (19011108)
387318.99 3743852.23 84.15817 (19013008) 387318.99
3743902.23 96.86957 (19013008)
387318.99 3743952.23 92.32615 (18012508) 387318.99
3744002.23 93.93621 (18012508)
387318.99 3744052.23 91.90285 (16122308) 387318.99
3744102.23 84.01173 (16122308)
387318.99 3744152.23 78.25667 (19011808) 387368.99
3743652.23 83.31760 (17010908)
387368.99 3743702.23 80.84960 (17010908) 387368.99
3743752.23 76.56362 (16011508)
387368.99 3743802.23 77.10579 (19011108) 387368.99
3743852.23 92.68885 (19013008)
387368.99 3743902.23 105.06662 (19013008) 387368.99
3743952.23 101.48780 (18012508)
387368.99 3744002.23 100.38820 (18012508) 387357.30
3743511.78 77.31799 (15011208)
387407.30 3743561.78 101.96724 (19013008) 387407.30
3743611.78 84.14383 (15011208)
387453.88 3743868.51 117.24943 (19013008) 387453.88
3743918.51 121.47427 (19013008)
387453.88 3743968.51 121.43405 (18012508) 387453.88
3744018.51 116.35251 (16122308)
387453.88 3744068.51 106.84551 (16122308) 387503.88
3743968.51 134.53257 (18012508)
387503.88 3744018.51 130.50828 (16122308) 387503.88
3744068.51 110.66909 (19011808)
387503.88 3744118.51 110.60512 (19122508) 387553.88
3744068.51 126.25339 (19011808)
387553.88 3744118.51 121.51829 (19122508) 387015.27
3744263.55 51.29378 (19011808)
387015.27 3744313.55 50.87880 (17011008) 387015.27
3744363.55 51.80414 (19122508)
387015.27 3744413.55 49.36957 (19122508) 387015.27
3744463.55 39.51564 (19122508)
387015.27 3744513.55 26.75516 (19122508) 387015.27
3744563.55 15.61682 (19122508)
387015.27 3744613.55 8.64322 (17021408) 387015.27
3744663.55 8.74483 (17021408)
387015.27 3744713.55 8.64575 (15021708) 387015.27
3744763.55 9.15175 (15021708)
387015.27 3744813.55 9.34096 (15021708) 387015.27
3744863.55 9.17649 (15021708)
387065.27 3744263.55 54.82954 (19011808) 387065.27
3744313.55 52.70842 (19122508)
387065.27 3744363.55 54.74282 (19122508) 387065.27
3744413.55 47.45138 (19122508)
387065.27 3744463.55 34.38542 (19122508) 387065.27
3744513.55 21.12437 (19122508)
387065.27 3744563.55 11.34953 (19122508) 387065.27

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3744613.55        9.40008  (17021408)
        387065.27   3744663.55        9.19969  (15021708)                387065.27
3744713.55        9.76845  (15021708)
        387065.27   3744763.55        9.97702  (15021708)                387065.27
3744813.55        9.78389  (15021708)
        387065.27   3744863.55        9.21789  (15021708)                387115.27
3744263.55       57.74555  (17011008)
        387115.27   3744313.55       58.37953  (19122508)                387115.27
3744363.55       55.21214  (19122508)
        387115.27   3744413.55       43.19913  (19122508)                387115.27
3744463.55       28.23036  (19122508)
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 538
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     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    ,  . . .      ,

                                                 *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        387115.27   3744513.55       15.77009  (19122508)                387115.27
3744563.55       10.13116  (17021408)
        387115.27   3744613.55        9.83495  (17021408)                387115.27
3744663.55       10.46828  (15021708)
        387115.27   3744713.55       10.69754  (15021708)                387115.27
3744763.55       10.46810  (15021708)
        387115.27   3744813.55        9.81813  (15021708)                387115.27
3744863.55        8.84609  (15021708)
        387165.27   3744263.55       59.67194  (19122508)                387165.27
3744313.55       61.93817  (19122508)
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        387165.27   3744363.55       52.79576  (19122508)                387165.27
3744413.55       37.06863  (19122508)
        387165.27   3744463.55       21.82074  (19122508)                387165.27
3744513.55       11.19962  (19122508)
        387165.27   3744563.55       10.72901  (17021408)                387165.27
3744613.55       11.26939  (15021708)
        387165.27   3744663.55       11.51994  (15021708)                387165.27
3744713.55       11.24374  (15021708)
        387165.27   3744763.55       10.49168  (15021708)                387165.27
3744813.55        9.38463  (15021708)
        387165.27   3744863.55        8.07310  (15021708)                387215.27
3744263.55       66.66528  (19122508)
        387215.27   3744313.55       62.44354  (19122508)                387215.27
3744363.55       47.57552  (19122508)
        387215.27   3744413.55       29.86820  (19122508)                387215.27
3744463.55       15.90410  (19122508)
        387215.27   3744513.55       11.75566  (17021408)                387215.27
3744563.55       12.19504  (15021708)
        387215.27   3744613.55       12.46679  (15021708)                387215.27
3744663.55       12.12927  (15021708)
        387215.27   3744713.55       11.25176  (15021708)                387215.27
3744763.55        9.98351  (15021708)
        387215.27   3744813.55        8.50368  (15021708)                387215.27
3744863.55        6.98014  (15021708)
        387265.27   3744263.55       71.07416  (19122508)                387265.27
3744313.55       59.36313  (19122508)
        387265.27   3744363.55       40.19204  (19122508)                387265.27
3744413.55       22.56578  (19122508)
        387265.27   3744463.55       12.94657  (17021408)                387265.27
3744513.55       13.27755  (15021708)
        387265.27   3744563.55       13.56742  (15021708)                387265.27
3744613.55       13.14846  (15021708)
        387265.27   3744663.55       12.11479  (15021708)                387265.27
3744713.55       10.65260  (15021708)
        387265.27   3744763.55        8.97541  (15021708)                387265.27
3744813.55        7.27663  (15021708)
        387265.27   3744863.55        5.99843  (19022808)                387315.27
3744263.55       71.63441  (19122508)
        387315.27   3744313.55       52.86731  (19122508)                387315.27
3744363.55       31.73416  (19122508)
        387315.27   3744413.55       16.05001  (19122508)                387315.27
3744463.55       14.56112  (15021708)
        387315.27   3744513.55       14.86248  (15021708)                387315.27
3744563.55       14.33240  (15021708)
        387315.27   3744613.55       13.10207  (15021708)                387315.27
3744663.55       11.40436  (15021708)
        387315.27   3744713.55        9.49452  (15021708)                387315.27
3744763.55        7.59426  (15021708)
        387315.27   3744813.55        6.36500  (19022808)                387315.27
3744863.55        6.56438  (19022808)
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        387365.27   3744263.55       67.63492  (19122508)                387365.27
3744313.55       43.90767  (19122508)
        387365.27   3744363.55       23.41832  (19122508)                387365.27
3744413.55       16.10871  (15021708)
        387365.27   3744463.55       16.40653  (15021708)                387365.27
3744513.55       15.72188  (15021708)
        387365.27   3744563.55       14.23983  (15021708)                387365.27
3744613.55       12.25417  (15021708)
        387365.27   3744663.55       10.06842  (15021708)                387365.27
3744713.55        7.93578  (15021708)
        387365.27   3744763.55        7.08385  (19020408)                387365.27
3744813.55        7.23603  (19020408)
        387365.27   3744863.55        7.33191  (19020408)                387415.27
3744313.55       33.95550  (19122508)
        387415.27   3744363.55       18.01332  (15021708)                387415.27
3744413.55       18.27793  (15021708)
        387415.27   3744463.55       17.37250  (15021708)                387415.27
3744513.55       15.56253  (15021708)
        387415.27   3744563.55       13.22115  (15021708)                387415.27
3744613.55       10.70705  (15021708)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     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    ,  . . .      ,

                                                 *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        387415.27   3744663.55        8.30523  (15021708)                387415.27
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3744713.55 8.08079 (19020408)
387415.27 3744763.55 8.19006 (19020408) 387415.27
3744813.55 8.21792 (19020408)
387415.27 3744863.55 8.15944 (19020408) 387465.27
3744513.55 14.33082 (15021708)
387465.27 3744563.55 11.42326 (15021708) 387465.27
3744613.55 9.14819 (19020408)
387465.27 3744663.55 9.26813 (19020408) 387465.27
3744713.55 9.28668 (19020408)
387465.27 3744763.55 9.19872 (19020408) 387465.27
3744813.55 9.00809 (19020408)
387465.27 3744863.55 8.72474 (19020408) 387515.27
3744663.55 10.51965 (19020408)
387515.27 3744713.55 10.25286 (19020408) 387515.27
3744763.55 9.87657 (19020408)
387515.27 3744813.55 9.40994 (19020408) 387515.27
3744863.55 8.87391 (19020408)
387565.27 3744813.55 9.28777 (19020408) 387565.27
3744863.55 8.62922 (17012008)
387524.44 3742913.36 43.97564 (15020308) 387574.44
3742963.36 42.61845 (15020308)
387574.44 3743013.36 45.78555 (15020308) 387624.44
3742963.36 39.23646 (15122308)
387624.44 3743013.36 43.06376 (15122308) 387624.44
3743063.36 46.54748 (15122308)
387674.44 3742963.36 35.37749 (15122308) 387674.44
3743013.36 36.41575 (15122308)
387674.44 3743063.36 39.94430 (17121408) 387674.44
3743113.36 44.40621 (17121408)
387724.44 3742963.36 31.38942 (16012208) 387724.44
3743013.36 34.34416 (17121408)
387724.44 3743063.36 36.19781 (19121108) 387724.44
3743113.36 39.13371 (15010708)
387774.44 3742963.36 29.68643 (17121408) 387774.44
3743013.36 31.32359 (15010708)
387774.44 3743063.36 33.30450 (18010308) 387774.44
3743113.36 35.30150 (18123108)
387774.44 3743163.36 37.79424 (18121408) 387824.44
3742963.36 34.04458 (15020308)
387824.44 3743013.36 35.78094 (15020308) 387824.44
3743063.36 37.75183 (15020308)
387824.44 3743113.36 40.00792 (15020308) 387824.44
3743163.36 42.60875 (15020308)
387824.44 3743213.36 45.62993 (15020308) 387874.44
3742963.36 40.12688 (15020308)
387874.44 3743013.36 42.24342 (15020308) 387874.44
3743063.36 44.60792 (15020308)
387874.44 3743113.36 47.25343 (15020308) 387874.44
3743163.36 50.22557 (15020308)
387874.44 3743213.36 53.57227 (15020308) 387874.44

3743263.36   57.33493 (15020308)
        387924.44   3742963.36   42.25948 (15020308)   387924.44
3743013.36   44.16485 (15020308)
        387924.44   3743063.36   46.23618 (15020308)   387924.44
3743113.36   48.48965 (15020308)
        387924.44   3743163.36   50.94597 (15020308)   387924.44
3743213.36   53.63914 (15020308)
        387924.44   3743263.36   56.60593 (15020308)   387924.44
3743313.36   59.90079 (15020308)
        387974.44   3742963.36   41.30526 (15020308)   387974.44
3743013.36   42.94407 (15020308)
        387974.44   3743063.36   44.72070 (15020308)   387974.44
3743113.36   46.65931 (15020308)
        387974.44   3743163.36   48.78738 (15020308)   387974.44
3743213.36   51.15810 (15020308)
        387974.44   3743263.36   53.81987 (15020308)   387974.44
3743313.36   56.85295 (15020308)
        387974.44   3743363.36   60.37340 (15020308)   388024.44
3742963.36   39.03083 (15020308)
        388024.44   3743013.36   40.65527 (15020308)   388024.44
3743063.36   42.44047 (15020308)
        388024.44   3743113.36   44.40909 (15020308)   388024.44
3743163.36   46.61370 (15020308)
        388024.44   3743213.36   49.09448 (15020308)   388024.44
3743263.36   53.38165 (15122308)
        388024.44   3743313.36   58.84294 (15122308)   388024.44
3743363.36   64.04248 (15122308)
        388024.44   3743413.36   68.96045 (15122308)   388074.44
3742963.36   34.41618 (15020308)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   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   , . . .   ,

                                                  *** 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)
388074.44	3743013.36	37.53771	(15122308)	388074.44	3743063.36	41.38434	(15122308)
388074.44	3743113.36	45.30433	(15122308)	388074.44	3743163.36	49.17077	(15122308)
388074.44	3743213.36	52.83307	(15122308)	388074.44	3743263.36	56.25259	(15122308)
388074.44	3743313.36	59.49324	(15122308)	388074.44	3743363.36	62.76449	(15122308)
388074.44	3743413.36	66.37411	(15122308)	388074.44	3743463.36	70.76679	(15122308)
388124.44	3742963.36	39.69369	(15122308)	388124.44	3743013.36	42.55874	(15122308)
388124.44	3743063.36	45.27710	(15122308)	388124.44	3743113.36	47.84693	(15122308)
388124.44	3743163.36	50.22440	(15122308)	388124.44	3743213.36	52.51163	(15122308)
388124.44	3743263.36	54.87301	(15122308)	388124.44	3743313.36	57.49263	(15122308)
388124.44	3743363.36	60.57542	(15122308)	388124.44	3743413.36	64.37644	(15122308)
388174.44	3742963.36	41.81776	(15122308)	388174.44	3743013.36	43.65648	(15122308)
388174.44	3743063.36	45.37740	(15122308)	388174.44	3743113.36	47.06840	(15122308)
388174.44	3743163.36	48.81089	(15122308)	388174.44	3743213.36	50.73516	(15122308)
388174.44	3743263.36	52.93930	(15122308)	388174.44	3743313.36	55.50362	(15122308)
388174.44	3743363.36	59.63164	(17121408)	388174.44	3743413.36	66.42626	(17121408)
388224.44	3742963.36	41.18564	(15122308)	388224.44	3743013.36	42.37630	(15122308)
388224.44	3743063.36	43.50732	(15122308)	388224.44	3743113.36	44.80227	(15122308)
388224.44	3743163.36	46.08525	(15122308)	388224.44	3743213.36	48.88645	(19120308)
388224.44	3743263.36	52.27287	(19120308)	388224.44	3743313.36	57.11977	(17121408)
388224.44	3743363.36	62.02383	(17121408)	388274.44	3742963.36	38.94101	(16122608)
388274.44	3743013.36	40.27661	(16122608)	387475.71	3743311.02	182.62754	(15011308)

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        387490.71   3743311.02      218.77662  (15020308)                387451.13
3743316.16      166.76569  (17122908)
        387379.86   3743317.08      158.00597  (16021108)                387399.86
3743317.08      163.63347  (16021108)
        387419.86   3743317.08      166.75886  (16021108)                387439.86
3743317.08      168.88168  (19012408)
        387019.21   3742972.33       11.97035  (18010808)                387019.21
3743022.33       11.89351  (15121008)
        387019.21   3743072.33       18.07482  (15121008)                387019.21
3743122.33       25.18450  (15121008)
        387019.21   3743172.33       31.57447  (15121008)                387019.21
3743222.33       35.75674  (15121008)
        387019.21   3743272.33       37.96596  (15121008)                387019.21
3743322.33       39.73851  (15121008)
        387069.21   3742972.33       13.97892  (18010808)                387069.21
3743022.33       13.79475  (18010808)
        387069.21   3743072.33       15.37883  (15121008)                387069.21
3743122.33       23.38101  (15121008)
        387069.21   3743172.33       31.73645  (15121008)                387069.21
3743222.33       37.64746  (15121008)
        387069.21   3743272.33       39.86409  (15121008)                387069.21
3743322.33       41.17792  (15121008)
        387119.21   3742972.33       15.72114  (18010808)                387119.21
3743022.33       16.17782  (18010808)
        387119.21   3743072.33       16.20247  (18010808)                387119.21
3743122.33       20.45791  (15121008)
        387119.21   3743172.33       30.93918  (15121008)                387119.21
3743222.33       40.21020  (15121008)
        387119.21   3743272.33       43.53967  (15121008)                387119.21
3743322.33       45.08880  (19013008)
        387169.21   3742972.33       16.88902  (18010808)                387169.21
3743022.33       18.13356  (18010808)
        387169.21   3743072.33       19.08662  (18010808)                387169.21
3743122.33       19.55414  (18010808)
        387169.21   3743172.33       28.24385  (15121008)                387169.21
3743222.33       42.29163  (15121008)
        387169.21   3743272.33       50.58626  (15121008)                387169.21
3743322.33       56.18859  (19013008)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:36:55

                                  PAGE 541
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     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    ,  . . .      ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        387219.21   3742972.33       17.21196  (18010808)               387219.21
3743022.33       19.24429  (18010808)
        387219.21   3743072.33       21.26816  (18010808)               387219.21
3743122.33       23.14295  (18010808)
        387219.21   3743172.33       24.61108  (18010808)               387219.21
3743222.33       41.12198  (15121008)
        387219.21   3743272.33       61.13232  (15121008)               387219.21
3743322.33       73.25872  (19013008)
        387269.21   3742972.33       16.56803  (18010808)               387269.21
3743022.33       19.19866  (18010808)
        387269.21   3743072.33       22.16176  (18010808)               387269.21
3743122.33       25.48083  (18010808)
        387269.21   3743172.33       29.16569  (18010808)               387269.21
3743222.33       35.53591  (15121008)
        387269.21   3743272.33       65.96920  (15121008)               387269.21
3743322.33      109.25896  (17010908)
        387319.21   3742972.33       16.27100  (15020308)               387319.21
3743022.33       18.21730  (15020308)
        387319.21   3743072.33       21.49499  (18010808)               387319.21
3743122.33       25.85658  (18010808)
        387319.21   3743172.33       31.37774  (18010808)               387319.21
3743222.33       41.83852  (15011308)
        387319.21   3743272.33       64.87923  (15011308)               387319.21
3743322.33      147.62112  (17010908)
        387369.21   3742972.33       24.26694  (15020308)               387369.21
3743022.33       26.77660  (15020308)
        387369.21   3743072.33       30.12082  (15020308)               387369.21
3743122.33       34.82277  (15020308)
        387369.21   3743172.33       41.82857  (15020308)               387369.21
3743222.33       53.31502  (15020308)
        387369.21   3743272.33       76.94732  (15011308)               387419.21
3742972.33       33.63129  (15020308)
        387419.21   3743022.33       36.57172  (15020308)               387419.21
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3743072.33       40.09705  (15020308)
        387419.21   3743122.33       44.57966  (15020308)                387419.21
3743172.33       50.87635  (15020308)
        387419.21   3743222.33       61.38571  (15020308)                387419.21
3743272.33       84.47620  (15011308)
        387469.21   3743072.33       56.28615  (15020308)                387469.21
3743122.33       64.85874  (15020308)
        387469.21   3743172.33       76.58143  (15020308)                387469.21
3743222.33       93.67889  (15020308)
        387469.21   3743272.33      121.96109  (15020308)                387578.38
3743390.44       97.63809  (16021108)
        387608.38   3743390.44       86.37317  (15020308)                387638.38
3743390.44       78.47845  (15020308)
        387369.87   3743365.20      210.65139  (19011808)                387399.87
3743365.20      207.65249  (19011808)
        387429.87   3743365.20      200.29897  (19011808)                387459.87
3743365.20      209.53140  (16021208)
        387489.87   3743365.20      241.98070  (16021208)                387489.87
3743395.20      211.08057  (16021208)
        388754.52   3743939.25       31.30455  (18010908)                388754.52
3743989.25       10.95639  (16012908)
        388754.52   3744039.25        8.90132  (18032309)                388754.52
3744089.25        8.31631  (18090408)
        388754.52   3744139.25        8.34456  (16101709)                388754.52
3744189.25        7.89748  (19041908)
        388804.52   3743889.25       53.84793  (18010908)                388804.52
3743939.25       27.25304  (18010908)
        388804.52   3743989.25       11.42546  (16012908)                388804.52
3744039.25       14.21779  (16012908)
        388804.52   3744089.25       12.80420  (16012908)                388804.52
3744139.25        7.71196  (16101709)
        388804.52   3744189.25        7.56258  (19041908)                388804.52
3744239.25        7.27065  (19041908)
        388804.52   3744289.25        7.37931  (18122410)                388854.52
3743889.25       48.98317  (18010908)
        388854.52   3743939.25       24.22535  (18010908)                388854.52
3743989.25       10.64078  (16012908)
        388854.52   3744039.25       13.16309  (16012908)                388854.52
3744089.25       17.08854  (16012908)
        388854.52   3744139.25        7.83906  (19123109)                388854.52
3744189.25        7.14694  (19041908)
        388854.52   3744239.25        7.23936  (19041908)                388854.52
3744289.25        7.12121  (18122410)
        388854.52   3744339.25        7.35672  (18102208)                388904.52
3743889.25       44.59952  (18010908)
        388904.52   3743939.25       21.73646  (18010908)                388904.52
3743989.25        9.85671  (16012908)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 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 , . . . ,

*** 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)
388904.52	3744039.25	12.07100	(16012908)	388904.52	3744089.25	15.83400	(16012908)
388904.52	3744139.25	20.85523	(16012908)	388904.52	3744189.25	11.08909	(16012908)
388904.52	3744239.25	7.12435	(19041908)	388904.52	3744289.25	6.74072	(18122410)
388904.52	3744339.25	7.01674	(18122410)	388904.52	3744389.25	7.56460	(18102208)
388904.52	3744439.25	8.47810	(18102208)	388954.52	3743939.25	19.51950	(18010908)
388954.52	3743989.25	9.25229	(16012908)	388954.52	3744039.25	11.24248	(16012908)
388954.52	3744089.25	14.74146	(16012908)	388954.52	3744139.25	20.20324	(16012908)
388882.82	3743721.97	81.35903	(18010108)	388882.82	3743771.97	63.50197	(19123108)
388932.82	3743721.97	76.71580	(18010108)	388932.82	3743771.97	59.57893	(18010908)
388932.82	3743821.97	63.37174	(18010908)	387765.02	3743382.77	50.21241	(17121408)
387815.02	3743382.77	57.34549	(15020308)	387815.02	3743432.77	63.36616	(15020308)
387865.02	3743382.77	68.19189	(15020308)	387865.02	3743432.77	74.32802	(15020308)

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        387915.02   3743382.77       66.02210  (15020308)                387915.02
3743432.77       70.60650  (15020308)
        387965.02   3743432.77       67.58068  (15122308)                387713.39
3743372.67       57.51657  (15122308)
        387763.39   3743422.67       54.91319  (18013108)                387583.29
3743113.63       58.67393  (15122308)
        387583.29   3743163.63       67.50160  (15122308)                387583.29
3743213.63       74.89411  (17122508)
        387583.29   3743263.63       91.40585  (17121408)                387633.29
3743163.63       55.00407  (17121408)
        387633.29   3743213.63       60.44193  (15010708)                387633.29
3743263.63       66.82191  (18121408)
        387633.29   3743313.63       80.75272  (16122908)                387683.29
3743263.63       54.20542  (18121408)
        387683.29   3743313.63       63.18339  (19123108)                388242.48
3743969.33       95.10307  (18010908)
        388242.48   3744019.33       42.50115  (16021208)                388242.48
3744069.33       40.56487  (18102208)
        388242.48   3744119.33       30.87249  (16021208)                388242.48
3744169.33       26.33124  (16021208)
        388242.48   3744219.33       22.64586  (16021208)                388242.48
3744269.33       19.82431  (17091308)
        388242.48   3744319.33       17.20838  (16021208)                388242.48
3744369.33       15.19453  (16021208)
        388242.48   3744419.33       13.51753  (16021208)                388242.48
3744469.33       12.10819  (16021208)
        388292.48   3743969.33       72.65442  (18010908)                388292.48
3744019.33       32.54244  (16021208)
        388292.48   3744069.33       33.76591  (18102208)                388292.48
3744119.33       30.24849  (18102208)
        388292.48   3744169.33       22.72469  (16021208)                388292.48
3744219.33       20.02882  (16021208)
        388292.48   3744269.33       18.54110  (17091308)                388292.48
3744319.33       16.98731  (17091308)
        388292.48   3744369.33       15.08017  (17091308)                388292.48
3744419.33       12.91740  (17091308)
        388292.48   3744469.33       11.41645  (16021208)                388292.48
3744519.33       10.35818  (16021208)
        388292.48   3744569.33        9.44094  (16021208)                388780.42
3742965.27       45.00643  (18010308)
        388780.42   3743015.27       47.31953  (18123108)                388780.42
3743065.27       47.98765  (18122008)
        388780.42   3743115.27       49.82117  (18012608)                388780.42
3743165.27       50.81597  (18011508)
        388780.42   3743215.27       53.37845  (18011508)                388830.42
3742965.27       45.06563  (18123108)
        388830.42   3743015.27       46.80155  (18122008)                388830.42
3743065.27       49.14659  (18012608)
        388830.42   3743115.27       51.03747  (15020208)                388830.42
3743165.27       53.71166  (18011508)
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        388880.42   3742965.27       45.83418  (18122008)                388880.42
3743015.27       47.18342  (18012608)
        388880.42   3743065.27       49.24954  (15020208)                388880.42
3743115.27       51.69083  (18011508)
        388880.42   3743165.27       52.70170  (15121508)                388930.42
3742965.27       45.70991  (18012608)
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

                                 PAGE 543
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     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    ,  . . .      ,

                                              *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        388930.42   3743015.27       47.22065  (15020208)                388930.42
3743065.27       49.75453  (18011508)
        388930.42   3743115.27       50.78076  (15121508)                388930.42
3743165.27       52.77243  (16011108)
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:36:55

                                 PAGE 544
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ONSITE	1ST HIGHEST VALUE IS	7.00100 AT	(387963.31, 3744015.45, 11.07, 11.07, 0.00)	DC	
	2ND HIGHEST VALUE IS	6.94078 AT	(387913.31, 3744015.45, 11.10, 11.10, 0.00)	DC	
	3RD HIGHEST VALUE IS	6.76147 AT	(388013.31, 3744015.45, 10.70, 10.70, 0.00)	DC	
	4TH HIGHEST VALUE IS	6.42837 AT	(387863.31, 3744015.45, 10.99, 10.99, 0.00)	DC	
	5TH HIGHEST VALUE IS	6.23098 AT	(388063.31, 3744015.45, 9.76, 9.76, 0.00)	DC	
	6TH HIGHEST VALUE IS	4.94823 AT	(387827.44, 3744016.29, 10.87, 10.87, 0.00)	DC	
	7TH HIGHEST VALUE IS	3.84890 AT	(387962.10, 3744056.02, 11.09, 11.09, 0.00)	DC	
	8TH HIGHEST VALUE IS	3.75536 AT	(388012.10, 3744056.02, 10.51, 10.51, 0.00)	DC	
	9TH HIGHEST VALUE IS	3.73455 AT	(387912.10, 3744056.02, 11.18, 11.18, 0.00)	DC	
	10TH HIGHEST VALUE IS	3.54043 AT	(387992.61, 3743778.61, 9.58, 9.58, 0.00)	DC	
HAUL	1ST HIGHEST VALUE IS	11.14392 AT	(387489.87, 3743365.20, 8.71, 8.71, 0.00)	DC	
	2ND HIGHEST VALUE IS	9.41583 AT	(387459.87, 3743365.20, 8.76, 17.43, 0.00)	DC	
	3RD HIGHEST VALUE IS	9.18068 AT	(387489.87, 3743395.20, 9.29, 17.43, 0.00)	DC	
	4TH HIGHEST VALUE IS	9.00409 AT	(387429.87, 3743365.20, 8.84, 18.28, 0.00)	DC	
	5TH HIGHEST VALUE IS	9.00287 AT	(387757.26, 3743841.71, 10.28, 10.28, 0.00)	DC	
	6TH HIGHEST VALUE IS	8.79385 AT	(387399.87, 3743365.20, 8.97, 18.52, 0.00)	DC	
	7TH HIGHEST VALUE IS	8.57269 AT	(387369.87, 3743365.20, 9.05, 18.52, 0.00)	DC	
	8TH HIGHEST VALUE IS	8.22215 AT	(387707.26, 3743841.71, 10.50, 10.50, 0.00)	DC	
	9TH HIGHEST VALUE IS	6.62753 AT	(387439.86, 3743317.08, 8.83, 8.83, 0.00)	DC	

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         10TH HIGHEST VALUE IS       6.61237 AT (  387657.26,  3743841.71,    10.79,
   10.79,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      11.20050 AT (  387489.87,  3743365.20,     8.71,
    8.71,    0.00)  DC
          2ND HIGHEST VALUE IS      10.82937 AT (  387757.26,  3743841.71,    10.28,
   10.28,    0.00)  DC
          3RD HIGHEST VALUE IS       9.47019 AT (  387459.87,  3743365.20,     8.76,
   17.43,    0.00)  DC
          4TH HIGHEST VALUE IS       9.24168 AT (  387489.87,  3743395.20,     9.29,
   17.43,    0.00)  DC
          5TH HIGHEST VALUE IS       9.18114 AT (  387707.26,  3743841.71,    10.50,
   10.50,    0.00)  DC
          6TH HIGHEST VALUE IS       9.05641 AT (  387429.87,  3743365.20,     8.84,
   18.28,    0.00)  DC
          7TH HIGHEST VALUE IS       8.84429 AT (  387399.87,  3743365.20,     8.97,
   18.52,    0.00)  DC
          8TH HIGHEST VALUE IS       8.62141 AT (  387369.87,  3743365.20,     9.05,
   18.52,    0.00)  DC
          9TH HIGHEST VALUE IS       7.82543 AT (  387757.26,  3743891.71,    10.08,
   10.08,    0.00)  DC
         10TH HIGHEST VALUE IS       7.73675 AT (  387863.31,  3744015.45,    10.99,
   10.99,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:36:55

                                  PAGE 545
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  1-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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
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ONSITE   HIGH   1ST HIGH VALUE IS     241.69967  ON 19122508: AT (  387827.44,
3744016.29,    10.87,    10.87,    0.00)  DC

HAUL     HIGH   1ST HIGH VALUE IS     235.52968  ON 16021208: AT (  387489.87,
3743365.20,     8.71,     8.71,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS     349.57034  ON 18012508: AT (  387757.26,
3743941.71,    10.36,    10.36,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - CONSTRUCTION
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                        ***       14:36:55

                                  PAGE 546
 *** 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          916 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          689 Calm Hours Identified

 A Total of          227 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
 ME W186    6530       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6530       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


    ***********************************
    *** AERMOD Finishes Successfully ***
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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 8/22/2025
** File: C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations - Option 1\Operations
- Option 1.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE 3800 Via Oro - Operations (Option1)
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 450901 Long_Beach
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Operations - Option 1.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 = HAUL1
** DESCRSRC Hughes Way to Via Oro/Hughes Way Intersection (100% Trucks)
** PREFIX
** Length of Side = 13.62
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 5.18
** SZINIT = 2.41
** Nodes = 27
** 387789.916, 3743821.937, 9.68, 2.59, 6.33
** 387783.907, 3743817.778, 9.87, 2.59, 6.33
** 387766.807, 3743817.315, 9.91, 2.59, 6.33
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** 387711.738, 3743817.993, 10.30, 2.59, 6.33
** 387684.006, 3743817.993, 10.43, 2.59, 6.33
** 387669.215, 3743813.833, 9.97, 2.59, 6.33
** 387644.256, 3743798.580, 10.03, 2.59, 6.33
** 387621.608, 3743781.017, 9.91, 2.59, 6.33
** 387612.826, 3743759.755, 9.75, 2.59, 6.33
** 387604.490, 3743730.130, 9.76, 2.59, 6.33
** 387605.292, 3743717.708, 9.67, 2.59, 6.33
** 387614.909, 3743673.225, 9.53, 2.59, 6.33
** 387630.538, 3743616.721, 9.31, 2.59, 6.33
** 387632.121, 3743607.416, 9.31, 2.59, 6.33
** 387634.645, 3743599.619, 9.42, 2.59, 6.33
** 387626.097, 3743595.721, 9.27, 2.59, 6.33
** 387612.984, 3743591.114, 9.23, 2.59, 6.33
** 387594.555, 3743584.026, 9.24, 2.59, 6.33
** 387498.490, 3743548.745, 9.21, 2.59, 6.33
** 387487.437, 3743542.806, 9.14, 2.59, 6.33
** 387484.212, 3743533.794, 9.12, 2.59, 6.33
** 387490.099, 3743518.109, 9.12, 2.59, 6.33
** 387509.542, 3743402.975, 9.62, 2.59, 6.33
** 387518.754, 3743367.748, 8.74, 2.59, 6.33
** 387516.469, 3743349.049, 8.79, 2.59, 6.33
** 387506.773, 3743344.893, 8.81, 2.59, 6.33
** 387294.603, 3743345.586, 8.46, 2.59, 6.33
** ------------------------------------------------------------------
   LOCATION L0000570     VOLUME   387784.317 3743818.061 9.75
   LOCATION L0000571     VOLUME   387770.790 3743817.423 9.92
   LOCATION L0000572     VOLUME   387757.172 3743817.434 10.07
   LOCATION L0000573     VOLUME   387743.553 3743817.601 10.17
   LOCATION L0000574     VOLUME   387729.934 3743817.769 10.22
   LOCATION L0000575     VOLUME   387716.315 3743817.937 10.21
   LOCATION L0000576     VOLUME   387702.696 3743817.993 10.25
   LOCATION L0000577     VOLUME   387689.076 3743817.993 10.32
   LOCATION L0000578     VOLUME   387675.775 3743815.678 10.32
   LOCATION L0000579     VOLUME   387663.408 3743810.284 10.23
   LOCATION L0000580     VOLUME   387651.786 3743803.182 10.07
   LOCATION L0000581     VOLUME   387640.467 3743795.642 10.01
   LOCATION L0000582     VOLUME   387629.704 3743787.295 9.97
   LOCATION L0000583     VOLUME   387620.320 3743777.897 9.95
   LOCATION L0000584     VOLUME   387615.120 3743765.309 9.90
   LOCATION L0000585     VOLUME   387610.765 3743752.429 9.83
   LOCATION L0000586     VOLUME   387607.075 3743739.318 9.72
   LOCATION L0000587     VOLUME   387604.752 3743726.063 9.72
   LOCATION L0000588     VOLUME   387606.400 3743712.579 9.63
   LOCATION L0000589     VOLUME   387609.279 3743699.267 9.58
   LOCATION L0000590     VOLUME   387612.157 3743685.954 9.54
   LOCATION L0000591     VOLUME   387615.068 3743672.650 9.51
   LOCATION L0000592     VOLUME   387618.699 3743659.523 9.49
   LOCATION L0000593     VOLUME   387622.330 3743646.396 9.47
   LOCATION L0000594     VOLUME   387625.961 3743633.269 9.42
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   LOCATION L0000595     VOLUME   387629.592 3743620.142 9.34
   LOCATION L0000596     VOLUME   387632.316 3743606.814 9.31
   LOCATION L0000597     VOLUME   387629.134 3743597.106 9.26
   LOCATION L0000598     VOLUME   387616.396 3743592.313 9.24
   LOCATION L0000599     VOLUME   387603.648 3743587.523 9.22
   LOCATION L0000600     VOLUME   387590.915 3743582.689 9.29
   LOCATION L0000601     VOLUME   387578.130 3743577.993 9.38
   LOCATION L0000602     VOLUME   387565.345 3743573.298 9.47
   LOCATION L0000603     VOLUME   387552.560 3743568.603 9.48
   LOCATION L0000604     VOLUME   387539.775 3743563.907 9.42
   LOCATION L0000605     VOLUME   387526.990 3743559.212 9.25
   LOCATION L0000606     VOLUME   387514.205 3743554.516 9.19
   LOCATION L0000607     VOLUME   387501.420 3743549.821 9.20
   LOCATION L0000608     VOLUME   387489.241 3743543.776 9.10
   LOCATION L0000609     VOLUME   387484.915 3743531.922 9.01
   LOCATION L0000610     VOLUME   387489.701 3743519.170 9.06
   LOCATION L0000611     VOLUME   387492.178 3743505.797 9.24
   LOCATION L0000612     VOLUME   387494.446 3743492.367 9.41
   LOCATION L0000613     VOLUME   387496.714 3743478.937 9.32
   LOCATION L0000614     VOLUME   387498.982 3743465.507 9.11
   LOCATION L0000615     VOLUME   387501.250 3743452.077 8.99
   LOCATION L0000616     VOLUME   387503.518 3743438.647 9.17
   LOCATION L0000617     VOLUME   387505.786 3743425.217 9.23
   LOCATION L0000618     VOLUME   387508.053 3743411.788 9.10
   LOCATION L0000619     VOLUME   387510.726 3743398.445 8.88
   LOCATION L0000620     VOLUME   387514.172 3743385.268 8.82
   LOCATION L0000621     VOLUME   387517.618 3743372.091 8.73
   LOCATION L0000622     VOLUME   387517.646 3743358.685 8.74
   LOCATION L0000623     VOLUME   387512.873 3743347.508 8.77
   LOCATION L0000624     VOLUME   387499.789 3743344.916 8.80
   LOCATION L0000625     VOLUME   387486.169 3743344.961 8.77
   LOCATION L0000626     VOLUME   387472.549 3743345.005 8.74
   LOCATION L0000627     VOLUME   387458.929 3743345.050 8.72
   LOCATION L0000628     VOLUME   387445.309 3743345.094 8.70
   LOCATION L0000629     VOLUME   387431.690 3743345.138 8.69
   LOCATION L0000630     VOLUME   387418.070 3743345.183 8.69
   LOCATION L0000631     VOLUME   387404.450 3743345.227 8.68
   LOCATION L0000632     VOLUME   387390.830 3743345.272 8.68
   LOCATION L0000633     VOLUME   387377.210 3743345.316 8.67
   LOCATION L0000634     VOLUME   387363.590 3743345.361 8.66
   LOCATION L0000635     VOLUME   387349.970 3743345.405 8.64
   LOCATION L0000636     VOLUME   387336.350 3743345.450 8.62
   LOCATION L0000637     VOLUME   387322.730 3743345.494 8.59
   LOCATION L0000638     VOLUME   387309.110 3743345.539 8.55
   LOCATION L0000639     VOLUME   387295.490 3743345.583 8.52
** End of LINE VOLUME Source ID = HAUL1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = ONSITE
** DESCRSRC On-site circulation
```

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** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 5.18
** SZINIT = 2.41
** Nodes = 15
** 387805.317, 3743966.071, 10.22, 2.59, 4.00
** 387857.378, 3743965.311, 10.52, 2.59, 4.00
** 387910.959, 3743963.791, 10.58, 2.59, 4.00
** 387950.100, 3743963.411, 10.34, 2.59, 4.00
** 387998.362, 3743964.171, 10.25, 2.59, 4.00
** 388050.043, 3743964.171, 10.13, 2.59, 4.00
** 388078.923, 3743964.551, 9.73, 2.59, 4.00
** 388095.264, 3743964.931, 9.63, 2.59, 4.00
** 388107.804, 3743963.411, 9.93, 2.59, 4.00
** 388115.404, 3743960.371, 9.95, 2.59, 4.00
** 388116.924, 3743951.630, 9.87, 2.59, 4.00
** 388116.924, 3743920.470, 9.70, 2.59, 4.00
** 388117.684, 3743879.049, 9.66, 2.59, 4.00
** 388114.264, 3743870.688, 9.68, 2.59, 4.00
** 388075.503, 3743816.727, 10.08, 2.59, 4.00
** ------------------------------------------------------------------
   LOCATION L0000450     VOLUME   387809.612 3743966.008 10.26
   LOCATION L0000451     VOLUME   387818.202 3743965.883 10.34
   LOCATION L0000452     VOLUME   387826.792 3743965.757 10.38
   LOCATION L0000453     VOLUME   387835.381 3743965.632 10.42
   LOCATION L0000454     VOLUME   387843.971 3743965.506 10.45
   LOCATION L0000455     VOLUME   387852.561 3743965.381 10.50
   LOCATION L0000456     VOLUME   387861.150 3743965.204 10.54
   LOCATION L0000457     VOLUME   387869.737 3743964.960 10.58
   LOCATION L0000458     VOLUME   387878.325 3743964.716 10.62
   LOCATION L0000459     VOLUME   387886.912 3743964.473 10.66
   LOCATION L0000460     VOLUME   387895.499 3743964.229 10.67
   LOCATION L0000461     VOLUME   387904.087 3743963.986 10.65
   LOCATION L0000462     VOLUME   387912.675 3743963.774 10.63
   LOCATION L0000463     VOLUME   387921.265 3743963.691 10.61
   LOCATION L0000464     VOLUME   387929.855 3743963.607 10.57
   LOCATION L0000465     VOLUME   387938.446 3743963.524 10.53
   LOCATION L0000466     VOLUME   387947.036 3743963.440 10.49
   LOCATION L0000467     VOLUME   387955.626 3743963.498 10.44
   LOCATION L0000468     VOLUME   387964.216 3743963.633 10.40
   LOCATION L0000469     VOLUME   387972.806 3743963.768 10.36
   LOCATION L0000470     VOLUME   387981.395 3743963.903 10.35
   LOCATION L0000471     VOLUME   387989.985 3743964.039 10.33
   LOCATION L0000472     VOLUME   387998.575 3743964.171 10.33
   LOCATION L0000473     VOLUME   388007.166 3743964.171 10.38
   LOCATION L0000474     VOLUME   388015.757 3743964.171 10.42
   LOCATION L0000475     VOLUME   388024.347 3743964.171 10.43
   LOCATION L0000476     VOLUME   388032.938 3743964.171 10.37
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   LOCATION L0000477     VOLUME   388041.529 3743964.171 10.31
   LOCATION L0000478     VOLUME   388050.120 3743964.172 10.21
   LOCATION L0000479     VOLUME   388058.710 3743964.285 10.04
   LOCATION L0000480     VOLUME   388067.300 3743964.398 9.88
   LOCATION L0000481     VOLUME   388075.890 3743964.511 9.75
   LOCATION L0000482     VOLUME   388084.479 3743964.680 9.68
   LOCATION L0000483     VOLUME   388093.067 3743964.880 9.62
   LOCATION L0000484     VOLUME   388101.611 3743964.161 9.64
   LOCATION L0000485     VOLUME   388109.988 3743962.537 9.77
   LOCATION L0000486     VOLUME   388115.877 3743957.654 9.83
   LOCATION L0000487     VOLUME   388116.924 3743949.153 9.79
   LOCATION L0000488     VOLUME   388116.924 3743940.563 9.77
   LOCATION L0000489     VOLUME   388116.924 3743931.972 9.74
   LOCATION L0000490     VOLUME   388116.924 3743923.381 9.71
   LOCATION L0000491     VOLUME   388117.029 3743914.791 9.69
   LOCATION L0000492     VOLUME   388117.186 3743906.202 9.67
   LOCATION L0000493     VOLUME   388117.344 3743897.612 9.66
   LOCATION L0000494     VOLUME   388117.501 3743889.023 9.64
   LOCATION L0000495     VOLUME   388117.659 3743880.434 9.63
   LOCATION L0000496     VOLUME   388114.956 3743872.380 9.64
   LOCATION L0000497     VOLUME   388110.318 3743865.195 9.65
   LOCATION L0000498     VOLUME   388105.307 3743858.218 9.66
   LOCATION L0000499     VOLUME   388100.295 3743851.241 9.94
   LOCATION L0000500     VOLUME   388095.283 3743844.263 10.05
   LOCATION L0000501     VOLUME   388090.271 3743837.286 10.12
   LOCATION L0000502     VOLUME   388085.259 3743830.309 10.09
   LOCATION L0000503     VOLUME   388080.247 3743823.331 10.12
** End of LINE VOLUME Source ID = ONSITE
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HAUL2
** DESCRSRC Hughes Way south of project site (50% Trucks)
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.5585533548
** Vertical Dimension = 5.18
** SZINIT = 2.41
** Nodes = 2
** 387796.899, 3743816.518, 9.82, 2.59, 4.00
** 388070.507, 3743813.668, 10.11, 2.59, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000662     VOLUME   387801.194 3743816.473 9.82
   LOCATION L0000663     VOLUME   387809.784 3743816.384 9.83
   LOCATION L0000664     VOLUME   387818.374 3743816.294 9.84
   LOCATION L0000665     VOLUME   387826.965 3743816.205 9.85
   LOCATION L0000666     VOLUME   387835.555 3743816.115 9.86
   LOCATION L0000667     VOLUME   387844.145 3743816.026 9.87
   LOCATION L0000668     VOLUME   387852.736 3743815.936 9.88
   LOCATION L0000669     VOLUME   387861.326 3743815.847 9.89
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   LOCATION L0000670     VOLUME   387869.916 3743815.757 9.90
   LOCATION L0000671     VOLUME   387878.507 3743815.668 9.91
   LOCATION L0000672     VOLUME   387887.097 3743815.578 9.92
   LOCATION L0000673     VOLUME   387895.687 3743815.489 9.92
   LOCATION L0000674     VOLUME   387904.278 3743815.399 9.93
   LOCATION L0000675     VOLUME   387912.868 3743815.310 9.94
   LOCATION L0000676     VOLUME   387921.458 3743815.220 9.95
   LOCATION L0000677     VOLUME   387930.049 3743815.131 9.96
   LOCATION L0000678     VOLUME   387938.639 3743815.041 9.97
   LOCATION L0000679     VOLUME   387947.229 3743814.952 9.98
   LOCATION L0000680     VOLUME   387955.820 3743814.862 9.99
   LOCATION L0000681     VOLUME   387964.410 3743814.773 10.00
   LOCATION L0000682     VOLUME   387973.000 3743814.684 10.01
   LOCATION L0000683     VOLUME   387981.591 3743814.594 10.02
   LOCATION L0000684     VOLUME   387990.181 3743814.505 10.02
   LOCATION L0000685     VOLUME   387998.771 3743814.415 10.03
   LOCATION L0000686     VOLUME   388007.362 3743814.326 10.04
   LOCATION L0000687     VOLUME   388015.952 3743814.236 10.05
   LOCATION L0000688     VOLUME   388024.542 3743814.147 10.06
   LOCATION L0000689     VOLUME   388033.133 3743814.057 10.07
   LOCATION L0000690     VOLUME   388041.723 3743813.968 10.08
   LOCATION L0000691     VOLUME   388050.313 3743813.878 10.09
   LOCATION L0000692     VOLUME   388058.904 3743813.789 10.10
   LOCATION L0000693     VOLUME   388067.494 3743813.699 10.11
** End of LINE VOLUME Source ID = HAUL2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = DOCKS
** DESCRSRC On-site docks
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 5.18
** SZINIT = 2.41
** Nodes = 2
** 387889.299, 3743937.057, 10.66, 2.59, 4.00
** 388059.573, 3743936.960, 9.87, 2.59, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000534     VOLUME   387893.594 3743937.055 10.65
   LOCATION L0000535     VOLUME   387902.185 3743937.050 10.61
   LOCATION L0000536     VOLUME   387910.776 3743937.045 10.58
   LOCATION L0000537     VOLUME   387919.366 3743937.040 10.55
   LOCATION L0000538     VOLUME   387927.957 3743937.035 10.48
   LOCATION L0000539     VOLUME   387936.548 3743937.030 10.42
   LOCATION L0000540     VOLUME   387945.139 3743937.025 10.35
   LOCATION L0000541     VOLUME   387953.730 3743937.021 10.27
   LOCATION L0000542     VOLUME   387962.320 3743937.016 10.18
   LOCATION L0000543     VOLUME   387970.911 3743937.011 10.12
   LOCATION L0000544     VOLUME   387979.502 3743937.006 10.11
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   LOCATION L0000545     VOLUME   387988.093 3743937.001 10.10
   LOCATION L0000546     VOLUME   387996.684 3743936.996 10.12
   LOCATION L0000547     VOLUME   388005.274 3743936.991 10.24
   LOCATION L0000548     VOLUME   388013.865 3743936.986 10.35
   LOCATION L0000549     VOLUME   388022.456 3743936.981 10.44
   LOCATION L0000550     VOLUME   388031.047 3743936.977 10.41
   LOCATION L0000551     VOLUME   388039.638 3743936.972 10.38
   LOCATION L0000552     VOLUME   388048.228 3743936.967 10.32
   LOCATION L0000553     VOLUME   388056.819 3743936.962 10.16
** End of LINE VOLUME Source ID = DOCKS
   LOCATION GEN          POINT      387824.280  3743885.560       10.380
** DESCRSRC Backup Generator
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HAUL3
** DESCRSRC Via Oro Avenue west of project site (50% Trucks)
** PREFIX
** Length of Side = 13.62
** Configuration = Adjacent
** Emission Rate = 0.4414466452
** Vertical Dimension = 5.18
** SZINIT = 2.41
** Nodes = 2
** 387793.944, 3743968.973, 10.12, 2.59, 6.33
** 387792.804, 3743832.545, 9.64, 2.59, 6.33
** ----------------------------------------------------------------------
   LOCATION L0000652     VOLUME   387793.887 3743962.163 10.10
   LOCATION L0000653     VOLUME   387793.773 3743948.543 10.05
   LOCATION L0000654     VOLUME   387793.660 3743934.924 10.00
   LOCATION L0000655     VOLUME   387793.546 3743921.304 9.95
   LOCATION L0000656     VOLUME   387793.432 3743907.685 9.90
   LOCATION L0000657     VOLUME   387793.318 3743894.065 9.86
   LOCATION L0000658     VOLUME   387793.204 3743880.446 9.81
   LOCATION L0000659     VOLUME   387793.091 3743866.826 9.76
   LOCATION L0000660     VOLUME   387792.977 3743853.207 9.71
   LOCATION L0000661     VOLUME   387792.863 3743839.587 9.66
** End of LINE VOLUME Source ID = HAUL3
** Source Parameters **
** LINE VOLUME Source ID = HAUL1
   SRCPARAM L0000570     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000571     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000572     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000573     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000574     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000575     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000576     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000577     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000578     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000579     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000580     0.0142857143      2.59      6.33      2.41
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SRCPARAM L0000581     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000582     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000583     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000584     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000585     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000586     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000587     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000588     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000589     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000590     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000591     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000592     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000593     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000594     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000595     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000596     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000597     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000598     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000599     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000600     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000601     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000602     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000603     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000604     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000605     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000606     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000607     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000608     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000609     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000610     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000611     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000612     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000613     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000614     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000615     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000616     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000617     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000618     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000619     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000620     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000621     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000622     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000623     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000624     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000625     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000626     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000627     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000628     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000629     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000630     0.0142857143      2.59      6.33      2.41
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   SRCPARAM L0000631     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000632     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000633     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000634     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000635     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000636     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000637     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000638     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000639     0.0142857143      2.59      6.33      2.41
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = ONSITE
   SRCPARAM L0000450     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000451     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000452     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000453     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000454     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000455     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000456     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000457     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000458     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000459     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000460     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000461     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000462     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000463     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000464     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000465     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000466     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000467     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000468     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000469     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000470     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000471     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000472     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000473     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000474     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000475     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000476     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000477     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000478     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000479     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000480     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000481     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000482     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000483     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000484     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000485     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000486     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000487     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000488     0.0185185185      2.59      4.00      2.41
```

```
   SRCPARAM L0000489     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000490     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000491     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000492     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000493     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000494     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000495     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000496     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000497     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000498     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000499     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000500     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000501     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000502     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000503     0.0185185185      2.59      4.00      2.41
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HAUL2
   SRCPARAM L0000662     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000663     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000664     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000665     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000666     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000667     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000668     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000669     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000670     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000671     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000672     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000673     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000674     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000675     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000676     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000677     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000678     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000679     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000680     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000681     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000682     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000683     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000684     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000685     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000686     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000687     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000688     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000689     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000690     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000691     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000692     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000693     0.0174547923      2.59      4.00      2.41
** ------------------------------------------------------------------
```

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** LINE VOLUME Source ID = DOCKS
   SRCPARAM L0000534          0.05      2.59      4.00      2.41
   SRCPARAM L0000535          0.05      2.59      4.00      2.41
   SRCPARAM L0000536          0.05      2.59      4.00      2.41
   SRCPARAM L0000537          0.05      2.59      4.00      2.41
   SRCPARAM L0000538          0.05      2.59      4.00      2.41
   SRCPARAM L0000539          0.05      2.59      4.00      2.41
   SRCPARAM L0000540          0.05      2.59      4.00      2.41
   SRCPARAM L0000541          0.05      2.59      4.00      2.41
   SRCPARAM L0000542          0.05      2.59      4.00      2.41
   SRCPARAM L0000543          0.05      2.59      4.00      2.41
   SRCPARAM L0000544          0.05      2.59      4.00      2.41
   SRCPARAM L0000545          0.05      2.59      4.00      2.41
   SRCPARAM L0000546          0.05      2.59      4.00      2.41
   SRCPARAM L0000547          0.05      2.59      4.00      2.41
   SRCPARAM L0000548          0.05      2.59      4.00      2.41
   SRCPARAM L0000549          0.05      2.59      4.00      2.41
   SRCPARAM L0000550          0.05      2.59      4.00      2.41
   SRCPARAM L0000551          0.05      2.59      4.00      2.41
   SRCPARAM L0000552          0.05      2.59      4.00      2.41
   SRCPARAM L0000553          0.05      2.59      4.00      2.41
** ------------------------------------------------------------------
   SRCPARAM GEN                1.0     5.000   763.850   224.391     0.229
** LINE VOLUME Source ID = HAUL3
   SRCPARAM L0000652     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000653     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000654     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000655     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000656     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000657     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000658     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000659     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000660     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000661     0.0441446645      2.59      6.33      2.41
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT GEN             12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT GEN             12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT GEN             12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT GEN             12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT GEN             12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT GEN             12.19    12.19    12.19    12.19    12.19    12.19

   BUILDWID GEN            281.60   280.57   271.51   258.65   244.15   222.23
   BUILDWID GEN            193.56   159.00   121.98   166.38   206.91   241.15
   BUILDWID GEN            268.06   286.83   296.89   297.92   289.90   277.02
   BUILDWID GEN            281.60   280.57   271.51   258.65   244.15   222.23
   BUILDWID GEN            193.56   159.00   121.98   166.38   206.91   241.15
   BUILDWID GEN            268.06   286.83   296.89   297.92   289.90   277.02
```

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   BUILDLEN GEN           166.38   206.91   241.15   268.06   286.83   296.89
   BUILDLEN GEN           297.92   289.90   277.02   281.60   280.57   271.51
   BUILDLEN GEN           258.65   244.15   222.23   193.56   159.00   121.98
   BUILDLEN GEN           166.38   206.91   241.15   268.06   286.83   296.89
   BUILDLEN GEN           297.92   289.90   277.02   281.60   280.57   271.51
   BUILDLEN GEN           258.65   244.15   222.23   193.56   159.00   121.98

   XBADJ    GEN           -52.58   -49.43   -44.77   -38.76   -31.57   -23.42
   XBADJ    GEN           -14.56    -5.25     2.63    -5.98   -16.56   -27.15
   XBADJ    GEN           -36.91   -45.55   -52.80   -58.45   -62.33   -66.67
   XBADJ    GEN          -113.81  -157.48  -196.38  -229.30  -255.26  -273.47
   XBADJ    GEN          -283.36  -284.64  -279.65  -275.62  -264.00  -244.36
   XBADJ    GEN          -221.74  -198.60  -169.42  -135.10   -96.67   -55.31

   YBADJ    GEN          -134.82  -123.72  -108.61   -92.41   -76.53   -58.31
   YBADJ    GEN           -38.32   -17.17     5.68    30.61    54.03    75.80
   YBADJ    GEN            95.27   111.85   125.02   134.40   139.70   141.14
   YBADJ    GEN           134.82   123.72   108.61    92.41    76.53    58.31
   YBADJ    GEN            38.32    17.17    -5.68   -30.61   -54.03   -75.80
   YBADJ    GEN           -95.27  -111.85  -125.02  -134.40  -139.70  -141.14

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "GEN"
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP GEN      GEN
   SRCGROUP DOCKS    L0000534 L0000535 L0000536 L0000537 L0000538 L0000539
   SRCGROUP DOCKS    L0000540 L0000541 L0000542 L0000543 L0000544 L0000545
```

```
   SRCGROUP DOCKS    L0000546 L0000547 L0000548 L0000549 L0000550 L0000551
   SRCGROUP DOCKS    L0000552 L0000553
   SRCGROUP HAUL     L0000570 L0000571 L0000572 L0000573 L0000574 L0000575
   SRCGROUP HAUL     L0000576 L0000577 L0000578 L0000579 L0000580 L0000581
   SRCGROUP HAUL     L0000582 L0000583 L0000584 L0000585 L0000586 L0000587
   SRCGROUP HAUL     L0000588 L0000589 L0000590 L0000591 L0000592 L0000593
   SRCGROUP HAUL     L0000594 L0000595 L0000596 L0000597 L0000598 L0000599
   SRCGROUP HAUL     L0000600 L0000601 L0000602 L0000603 L0000604 L0000605
   SRCGROUP HAUL     L0000606 L0000607 L0000608 L0000609 L0000610 L0000611
   SRCGROUP HAUL     L0000612 L0000613 L0000614 L0000615 L0000616 L0000617
   SRCGROUP HAUL     L0000618 L0000619 L0000620 L0000621 L0000622 L0000623
   SRCGROUP HAUL     L0000624 L0000625 L0000626 L0000627 L0000628 L0000629
   SRCGROUP HAUL     L0000630 L0000631 L0000632 L0000633 L0000634 L0000635
   SRCGROUP HAUL     L0000636 L0000637 L0000638 L0000639 L0000662 L0000663
   SRCGROUP HAUL     L0000664 L0000665 L0000666 L0000667 L0000668 L0000669
   SRCGROUP HAUL     L0000670 L0000671 L0000672 L0000673 L0000674 L0000675
   SRCGROUP HAUL     L0000676 L0000677 L0000678 L0000679 L0000680 L0000681
   SRCGROUP HAUL     L0000682 L0000683 L0000684 L0000685 L0000686 L0000687
   SRCGROUP HAUL     L0000688 L0000689 L0000690 L0000691 L0000692 L0000693
   SRCGROUP HAUL     L0000652 L0000653 L0000654 L0000655 L0000656 L0000657
   SRCGROUP HAUL     L0000658 L0000659 L0000660 L0000661
   SRCGROUP ONSITE   L0000450 L0000451 L0000452 L0000453 L0000454 L0000455
   SRCGROUP ONSITE   L0000456 L0000457 L0000458 L0000459 L0000460 L0000461
   SRCGROUP ONSITE   L0000462 L0000463 L0000464 L0000465 L0000466 L0000467
   SRCGROUP ONSITE   L0000468 L0000469 L0000470 L0000471 L0000472 L0000473
   SRCGROUP ONSITE   L0000474 L0000475 L0000476 L0000477 L0000478 L0000479
   SRCGROUP ONSITE   L0000480 L0000481 L0000482 L0000483 L0000484 L0000485
   SRCGROUP ONSITE   L0000486 L0000487 L0000488 L0000489 L0000490 L0000491
   SRCGROUP ONSITE   L0000492 L0000493 L0000494 L0000495 L0000496 L0000497
   SRCGROUP ONSITE   L0000498 L0000499 L0000500 L0000501 L0000502 L0000503
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "Operations - Option 1.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations - Option
1\Met Data\
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   SURFFILE "Met Data\KLGB_V11_trimmed.sfc"
** Profile File Path: C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations - Option
1\Met Data\
   PROFFILE "Met Data\KLGB_V11_trimmed.PFL"
   SURFDATA 23129 2015 KLGB
   UAIRDATA 3190 2015
   PROFBASE 9.65 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations -
Option 1\OPERATIONS - OPTION 1.AD\01H1GALL.PLT" 31
   PLOTFILE 1 GEN 1ST "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations -
Option 1\OPERATIONS - OPTION 1.AD\01H1G001.PLT" 32
   PLOTFILE 1 DOCKS 1ST "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations -
Option 1\OPERATIONS - OPTION 1.AD\01H1G002.PLT" 33
   PLOTFILE 1 HAUL 1ST "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations -
Option 1\OPERATIONS - OPTION 1.AD\01H1G003.PLT" 34
   PLOTFILE 1 ONSITE 1ST "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations -
Option 1\OPERATIONS - OPTION 1.AD\01H1G004.PLT" 35
   PLOTFILE PERIOD ALL "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations -
Option 1\OPERATIONS - OPTION 1.AD\PE00GALL.PLT" 36
   PLOTFILE PERIOD GEN "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations -
Option 1\OPERATIONS - OPTION 1.AD\PE00G001.PLT" 37
   PLOTFILE PERIOD DOCKS "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations -
Option 1\OPERATIONS - OPTION 1.AD\PE00G002.PLT" 38
   PLOTFILE PERIOD HAUL "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations -
Option 1\OPERATIONS - OPTION 1.AD\PE00G003.PLT" 39
   PLOTFILE PERIOD ONSITE "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations -
Option 1\OPERATIONS - OPTION 1.AD\PE00G004.PLT" 40
   SUMMFILE "C:\Lakes\AERMOD View\Projects\3800 Via Oro\Operations - Option
1\Operations - Option 1.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
```

```
** ZONE     11
** ZONEINX  0
**
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 8/22/2025
** FILE: C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS - OPTION 1\OPERATIONS
- OPTION 1.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE 3800 VIA ORO - OPERATIONS (OPTION1)
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 450901 LONG_BEACH
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "OPERATIONS - OPTION 1.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 = HAUL1
** DESCRSRC HUGHES WAY TO VIA ORO/HUGHES WAY INTERSECTION (100% TRUCKS)
** PREFIX
** LENGTH OF SIDE = 13.62
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 5.18
** SZINIT = 2.41
** NODES = 27
** 387789.916, 3743821.937, 9.68, 2.59, 6.33
** 387783.907, 3743817.778, 9.87, 2.59, 6.33
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** 387766.807, 3743817.315, 9.91, 2.59, 6.33
** 387711.738, 3743817.993, 10.30, 2.59, 6.33
** 387684.006, 3743817.993, 10.43, 2.59, 6.33
** 387669.215, 3743813.833, 9.97, 2.59, 6.33
** 387644.256, 3743798.580, 10.03, 2.59, 6.33
** 387621.608, 3743781.017, 9.91, 2.59, 6.33
** 387612.826, 3743759.755, 9.75, 2.59, 6.33
** 387604.490, 3743730.130, 9.76, 2.59, 6.33
** 387605.292, 3743717.708, 9.67, 2.59, 6.33
** 387614.909, 3743673.225, 9.53, 2.59, 6.33
** 387630.538, 3743616.721, 9.31, 2.59, 6.33
** 387632.121, 3743607.416, 9.31, 2.59, 6.33
** 387634.645, 3743599.619, 9.42, 2.59, 6.33
** 387626.097, 3743595.721, 9.27, 2.59, 6.33
** 387612.984, 3743591.114, 9.23, 2.59, 6.33
** 387594.555, 3743584.026, 9.24, 2.59, 6.33
** 387498.490, 3743548.745, 9.21, 2.59, 6.33
** 387487.437, 3743542.806, 9.14, 2.59, 6.33
** 387484.212, 3743533.794, 9.12, 2.59, 6.33
** 387490.099, 3743518.109, 9.12, 2.59, 6.33
** 387509.542, 3743402.975, 9.62, 2.59, 6.33
** 387518.754, 3743367.748, 8.74, 2.59, 6.33
** 387516.469, 3743349.049, 8.79, 2.59, 6.33
** 387506.773, 3743344.893, 8.81, 2.59, 6.33
** 387294.603, 3743345.586, 8.46, 2.59, 6.33
** ----------------------------------------------------------------------
   LOCATION L0000570     VOLUME   387784.317 3743818.061 9.75
   LOCATION L0000571     VOLUME   387770.790 3743817.423 9.92
   LOCATION L0000572     VOLUME   387757.172 3743817.434 10.07
   LOCATION L0000573     VOLUME   387743.553 3743817.601 10.17
   LOCATION L0000574     VOLUME   387729.934 3743817.769 10.22
   LOCATION L0000575     VOLUME   387716.315 3743817.937 10.21
   LOCATION L0000576     VOLUME   387702.696 3743817.993 10.25
   LOCATION L0000577     VOLUME   387689.076 3743817.993 10.32
   LOCATION L0000578     VOLUME   387675.775 3743815.678 10.32
   LOCATION L0000579     VOLUME   387663.408 3743810.284 10.23
   LOCATION L0000580     VOLUME   387651.786 3743803.182 10.07
   LOCATION L0000581     VOLUME   387640.467 3743795.642 10.01
   LOCATION L0000582     VOLUME   387629.704 3743787.295 9.97
   LOCATION L0000583     VOLUME   387620.320 3743777.897 9.95
   LOCATION L0000584     VOLUME   387615.120 3743765.309 9.90
   LOCATION L0000585     VOLUME   387610.765 3743752.429 9.83
   LOCATION L0000586     VOLUME   387607.075 3743739.318 9.72
   LOCATION L0000587     VOLUME   387604.752 3743726.063 9.72
   LOCATION L0000588     VOLUME   387606.400 3743712.579 9.63
   LOCATION L0000589     VOLUME   387609.279 3743699.267 9.58
   LOCATION L0000590     VOLUME   387612.157 3743685.954 9.54
   LOCATION L0000591     VOLUME   387615.068 3743672.650 9.51
   LOCATION L0000592     VOLUME   387618.699 3743659.523 9.49
   LOCATION L0000593     VOLUME   387622.330 3743646.396 9.47
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   LOCATION L0000594     VOLUME   387625.961 3743633.269 9.42
   LOCATION L0000595     VOLUME   387629.592 3743620.142 9.34
   LOCATION L0000596     VOLUME   387632.316 3743606.814 9.31
   LOCATION L0000597     VOLUME   387629.134 3743597.106 9.26
   LOCATION L0000598     VOLUME   387616.396 3743592.313 9.24
   LOCATION L0000599     VOLUME   387603.648 3743587.523 9.22
   LOCATION L0000600     VOLUME   387590.915 3743582.689 9.29
   LOCATION L0000601     VOLUME   387578.130 3743577.993 9.38
   LOCATION L0000602     VOLUME   387565.345 3743573.298 9.47
   LOCATION L0000603     VOLUME   387552.560 3743568.603 9.48
   LOCATION L0000604     VOLUME   387539.775 3743563.907 9.42
   LOCATION L0000605     VOLUME   387526.990 3743559.212 9.25
   LOCATION L0000606     VOLUME   387514.205 3743554.516 9.19
   LOCATION L0000607     VOLUME   387501.420 3743549.821 9.20
   LOCATION L0000608     VOLUME   387489.241 3743543.776 9.10
   LOCATION L0000609     VOLUME   387484.915 3743531.922 9.01
   LOCATION L0000610     VOLUME   387489.701 3743519.170 9.06
   LOCATION L0000611     VOLUME   387492.178 3743505.797 9.24
   LOCATION L0000612     VOLUME   387494.446 3743492.367 9.41
   LOCATION L0000613     VOLUME   387496.714 3743478.937 9.32
   LOCATION L0000614     VOLUME   387498.982 3743465.507 9.11
   LOCATION L0000615     VOLUME   387501.250 3743452.077 8.99
   LOCATION L0000616     VOLUME   387503.518 3743438.647 9.17
   LOCATION L0000617     VOLUME   387505.786 3743425.217 9.23
   LOCATION L0000618     VOLUME   387508.053 3743411.788 9.10
   LOCATION L0000619     VOLUME   387510.726 3743398.445 8.88
   LOCATION L0000620     VOLUME   387514.172 3743385.268 8.82
   LOCATION L0000621     VOLUME   387517.618 3743372.091 8.73
   LOCATION L0000622     VOLUME   387517.646 3743358.685 8.74
   LOCATION L0000623     VOLUME   387512.873 3743347.508 8.77
   LOCATION L0000624     VOLUME   387499.789 3743344.916 8.80
   LOCATION L0000625     VOLUME   387486.169 3743344.961 8.77
   LOCATION L0000626     VOLUME   387472.549 3743345.005 8.74
   LOCATION L0000627     VOLUME   387458.929 3743345.050 8.72
   LOCATION L0000628     VOLUME   387445.309 3743345.094 8.70
   LOCATION L0000629     VOLUME   387431.690 3743345.138 8.69
   LOCATION L0000630     VOLUME   387418.070 3743345.183 8.69
   LOCATION L0000631     VOLUME   387404.450 3743345.227 8.68
   LOCATION L0000632     VOLUME   387390.830 3743345.272 8.68
   LOCATION L0000633     VOLUME   387377.210 3743345.316 8.67
   LOCATION L0000634     VOLUME   387363.590 3743345.361 8.66
   LOCATION L0000635     VOLUME   387349.970 3743345.405 8.64
   LOCATION L0000636     VOLUME   387336.350 3743345.450 8.62
   LOCATION L0000637     VOLUME   387322.730 3743345.494 8.59
   LOCATION L0000638     VOLUME   387309.110 3743345.539 8.55
   LOCATION L0000639     VOLUME   387295.490 3743345.583 8.52
** END OF LINE VOLUME SOURCE ID = HAUL1
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = ONSITE
```

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** DESCRSRC ON-SITE CIRCULATION
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 5.18
** SZINIT = 2.41
** NODES = 15
** 387805.317, 3743966.071, 10.22, 2.59, 4.00
** 387857.378, 3743965.311, 10.52, 2.59, 4.00
** 387910.959, 3743963.791, 10.58, 2.59, 4.00
** 387950.100, 3743963.411, 10.34, 2.59, 4.00
** 387998.362, 3743964.171, 10.25, 2.59, 4.00
** 388050.043, 3743964.171, 10.13, 2.59, 4.00
** 388078.923, 3743964.551, 9.73, 2.59, 4.00
** 388095.264, 3743964.931, 9.63, 2.59, 4.00
** 388107.804, 3743963.411, 9.93, 2.59, 4.00
** 388115.404, 3743960.371, 9.95, 2.59, 4.00
** 388116.924, 3743951.630, 9.87, 2.59, 4.00
** 388116.924, 3743920.470, 9.70, 2.59, 4.00
** 388117.684, 3743879.049, 9.66, 2.59, 4.00
** 388114.264, 3743870.688, 9.68, 2.59, 4.00
** 388075.503, 3743816.727, 10.08, 2.59, 4.00
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   LOCATION L0000450     VOLUME   387809.612 3743966.008 10.26
   LOCATION L0000451     VOLUME   387818.202 3743965.883 10.34
   LOCATION L0000452     VOLUME   387826.792 3743965.757 10.38
   LOCATION L0000453     VOLUME   387835.381 3743965.632 10.42
   LOCATION L0000454     VOLUME   387843.971 3743965.506 10.45
   LOCATION L0000455     VOLUME   387852.561 3743965.381 10.50
   LOCATION L0000456     VOLUME   387861.150 3743965.204 10.54
   LOCATION L0000457     VOLUME   387869.737 3743964.960 10.58
   LOCATION L0000458     VOLUME   387878.325 3743964.716 10.62
   LOCATION L0000459     VOLUME   387886.912 3743964.473 10.66
   LOCATION L0000460     VOLUME   387895.499 3743964.229 10.67
   LOCATION L0000461     VOLUME   387904.087 3743963.986 10.65
   LOCATION L0000462     VOLUME   387912.675 3743963.774 10.63
   LOCATION L0000463     VOLUME   387921.265 3743963.691 10.61
   LOCATION L0000464     VOLUME   387929.855 3743963.607 10.57
   LOCATION L0000465     VOLUME   387938.446 3743963.524 10.53
   LOCATION L0000466     VOLUME   387947.036 3743963.440 10.49
   LOCATION L0000467     VOLUME   387955.626 3743963.498 10.44
   LOCATION L0000468     VOLUME   387964.216 3743963.633 10.40
   LOCATION L0000469     VOLUME   387972.806 3743963.768 10.36
   LOCATION L0000470     VOLUME   387981.395 3743963.903 10.35
   LOCATION L0000471     VOLUME   387989.985 3743964.039 10.33
   LOCATION L0000472     VOLUME   387998.575 3743964.171 10.33
   LOCATION L0000473     VOLUME   388007.166 3743964.171 10.38
   LOCATION L0000474     VOLUME   388015.757 3743964.171 10.42
   LOCATION L0000475     VOLUME   388024.347 3743964.171 10.43
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   LOCATION L0000476     VOLUME   388032.938 3743964.171 10.37
   LOCATION L0000477     VOLUME   388041.529 3743964.171 10.31
   LOCATION L0000478     VOLUME   388050.120 3743964.172 10.21
   LOCATION L0000479     VOLUME   388058.710 3743964.285 10.04
   LOCATION L0000480     VOLUME   388067.300 3743964.398 9.88
   LOCATION L0000481     VOLUME   388075.890 3743964.511 9.75
   LOCATION L0000482     VOLUME   388084.479 3743964.680 9.68
   LOCATION L0000483     VOLUME   388093.067 3743964.880 9.62
   LOCATION L0000484     VOLUME   388101.611 3743964.161 9.64
   LOCATION L0000485     VOLUME   388109.988 3743962.537 9.77
   LOCATION L0000486     VOLUME   388115.877 3743957.654 9.83
   LOCATION L0000487     VOLUME   388116.924 3743949.153 9.79
   LOCATION L0000488     VOLUME   388116.924 3743940.563 9.77
   LOCATION L0000489     VOLUME   388116.924 3743931.972 9.74
   LOCATION L0000490     VOLUME   388116.924 3743923.381 9.71
   LOCATION L0000491     VOLUME   388117.029 3743914.791 9.69
   LOCATION L0000492     VOLUME   388117.186 3743906.202 9.67
   LOCATION L0000493     VOLUME   388117.344 3743897.612 9.66
   LOCATION L0000494     VOLUME   388117.501 3743889.023 9.64
   LOCATION L0000495     VOLUME   388117.659 3743880.434 9.63
   LOCATION L0000496     VOLUME   388114.956 3743872.380 9.64
   LOCATION L0000497     VOLUME   388110.318 3743865.195 9.65
   LOCATION L0000498     VOLUME   388105.307 3743858.218 9.66
   LOCATION L0000499     VOLUME   388100.295 3743851.241 9.94
   LOCATION L0000500     VOLUME   388095.283 3743844.263 10.05
   LOCATION L0000501     VOLUME   388090.271 3743837.286 10.12
   LOCATION L0000502     VOLUME   388085.259 3743830.309 10.09
   LOCATION L0000503     VOLUME   388080.247 3743823.331 10.12
** END OF LINE VOLUME SOURCE ID = ONSITE
** ------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = HAUL2
** DESCRSRC HUGHES WAY SOUTH OF PROJECT SITE (50% TRUCKS)
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.5585533548
** VERTICAL DIMENSION = 5.18
** SZINIT = 2.41
** NODES = 2
** 387796.899, 3743816.518, 9.82, 2.59, 4.00
** 388070.507, 3743813.668, 10.11, 2.59, 4.00
** ------------------------------------------------------------------
   LOCATION L0000662     VOLUME   387801.194 3743816.473 9.82
   LOCATION L0000663     VOLUME   387809.784 3743816.384 9.83
   LOCATION L0000664     VOLUME   387818.374 3743816.294 9.84
   LOCATION L0000665     VOLUME   387826.965 3743816.205 9.85
   LOCATION L0000666     VOLUME   387835.555 3743816.115 9.86
   LOCATION L0000667     VOLUME   387844.145 3743816.026 9.87
   LOCATION L0000668     VOLUME   387852.736 3743815.936 9.88
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   LOCATION L0000669     VOLUME   387861.326 3743815.847 9.89
   LOCATION L0000670     VOLUME   387869.916 3743815.757 9.90
   LOCATION L0000671     VOLUME   387878.507 3743815.668 9.91
   LOCATION L0000672     VOLUME   387887.097 3743815.578 9.92
   LOCATION L0000673     VOLUME   387895.687 3743815.489 9.92
   LOCATION L0000674     VOLUME   387904.278 3743815.399 9.93
   LOCATION L0000675     VOLUME   387912.868 3743815.310 9.94
   LOCATION L0000676     VOLUME   387921.458 3743815.220 9.95
   LOCATION L0000677     VOLUME   387930.049 3743815.131 9.96
   LOCATION L0000678     VOLUME   387938.639 3743815.041 9.97
   LOCATION L0000679     VOLUME   387947.229 3743814.952 9.98
   LOCATION L0000680     VOLUME   387955.820 3743814.862 9.99
   LOCATION L0000681     VOLUME   387964.410 3743814.773 10.00
   LOCATION L0000682     VOLUME   387973.000 3743814.684 10.01
   LOCATION L0000683     VOLUME   387981.591 3743814.594 10.02
   LOCATION L0000684     VOLUME   387990.181 3743814.505 10.02
   LOCATION L0000685     VOLUME   387998.771 3743814.415 10.03
   LOCATION L0000686     VOLUME   388007.362 3743814.326 10.04
   LOCATION L0000687     VOLUME   388015.952 3743814.236 10.05
   LOCATION L0000688     VOLUME   388024.542 3743814.147 10.06
   LOCATION L0000689     VOLUME   388033.133 3743814.057 10.07
   LOCATION L0000690     VOLUME   388041.723 3743813.968 10.08
   LOCATION L0000691     VOLUME   388050.313 3743813.878 10.09
   LOCATION L0000692     VOLUME   388058.904 3743813.789 10.10
   LOCATION L0000693     VOLUME   388067.494 3743813.699 10.11
** END OF LINE VOLUME SOURCE ID = HAUL2
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = DOCKS
** DESCRSRC ON-SITE DOCKS
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 5.18
** SZINIT = 2.41
** NODES = 2
** 387889.299, 3743937.057, 10.66, 2.59, 4.00
** 388059.573, 3743936.960, 9.87, 2.59, 4.00
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   LOCATION L0000534     VOLUME   387893.594 3743937.055 10.65
   LOCATION L0000535     VOLUME   387902.185 3743937.050 10.61
   LOCATION L0000536     VOLUME   387910.776 3743937.045 10.58
   LOCATION L0000537     VOLUME   387919.366 3743937.040 10.55
   LOCATION L0000538     VOLUME   387927.957 3743937.035 10.48
   LOCATION L0000539     VOLUME   387936.548 3743937.030 10.42
   LOCATION L0000540     VOLUME   387945.139 3743937.025 10.35
   LOCATION L0000541     VOLUME   387953.730 3743937.021 10.27
   LOCATION L0000542     VOLUME   387962.320 3743937.016 10.18
   LOCATION L0000543     VOLUME   387970.911 3743937.011 10.12
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   LOCATION L0000544     VOLUME   387979.502 3743937.006 10.11
   LOCATION L0000545     VOLUME   387988.093 3743937.001 10.10
   LOCATION L0000546     VOLUME   387996.684 3743936.996 10.12
   LOCATION L0000547     VOLUME   388005.274 3743936.991 10.24
   LOCATION L0000548     VOLUME   388013.865 3743936.986 10.35
   LOCATION L0000549     VOLUME   388022.456 3743936.981 10.44
   LOCATION L0000550     VOLUME   388031.047 3743936.977 10.41
   LOCATION L0000551     VOLUME   388039.638 3743936.972 10.38
   LOCATION L0000552     VOLUME   388048.228 3743936.967 10.32
   LOCATION L0000553     VOLUME   388056.819 3743936.962 10.16
** END OF LINE VOLUME SOURCE ID = DOCKS
   LOCATION GEN          POINT      387824.280  3743885.560       10.380
** DESCRSRC BACKUP GENERATOR
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = HAUL3
** DESCRSRC VIA ORO AVENUE WEST OF PROJECT SITE (50% TRUCKS)
** PREFIX
** LENGTH OF SIDE = 13.62
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.4414466452
** VERTICAL DIMENSION = 5.18
** SZINIT = 2.41
** NODES = 2
** 387793.944, 3743968.973, 10.12, 2.59, 6.33
** 387792.804, 3743832.545, 9.64, 2.59, 6.33
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   LOCATION L0000652     VOLUME   387793.887 3743962.163 10.10
   LOCATION L0000653     VOLUME   387793.773 3743948.543 10.05
   LOCATION L0000654     VOLUME   387793.660 3743934.924 10.00
   LOCATION L0000655     VOLUME   387793.546 3743921.304 9.95
   LOCATION L0000656     VOLUME   387793.432 3743907.685 9.90
   LOCATION L0000657     VOLUME   387793.318 3743894.065 9.86
   LOCATION L0000658     VOLUME   387793.204 3743880.446 9.81
   LOCATION L0000659     VOLUME   387793.091 3743866.826 9.76
   LOCATION L0000660     VOLUME   387792.977 3743853.207 9.71
   LOCATION L0000661     VOLUME   387792.863 3743839.587 9.66
** END OF LINE VOLUME SOURCE ID = HAUL3
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = HAUL1
   SRCPARAM L0000570     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000571     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000572     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000573     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000574     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000575     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000576     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000577     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000578     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000579     0.0142857143      2.59      6.33      2.41
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SRCPARAM L0000580     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000581     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000582     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000583     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000584     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000585     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000586     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000587     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000588     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000589     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000590     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000591     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000592     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000593     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000594     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000595     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000596     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000597     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000598     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000599     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000600     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000601     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000602     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000603     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000604     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000605     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000606     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000607     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000608     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000609     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000610     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000611     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000612     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000613     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000614     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000615     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000616     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000617     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000618     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000619     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000620     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000621     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000622     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000623     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000624     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000625     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000626     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000627     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000628     0.0142857143      2.59      6.33      2.41
SRCPARAM L0000629     0.0142857143      2.59      6.33      2.41
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   SRCPARAM L0000630     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000631     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000632     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000633     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000634     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000635     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000636     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000637     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000638     0.0142857143      2.59      6.33      2.41
   SRCPARAM L0000639     0.0142857143      2.59      6.33      2.41
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** LINE VOLUME SOURCE ID = ONSITE
   SRCPARAM L0000450     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000451     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000452     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000453     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000454     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000455     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000456     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000457     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000458     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000459     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000460     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000461     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000462     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000463     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000464     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000465     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000466     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000467     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000468     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000469     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000470     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000471     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000472     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000473     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000474     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000475     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000476     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000477     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000478     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000479     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000480     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000481     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000482     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000483     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000484     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000485     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000486     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000487     0.0185185185      2.59      4.00      2.41
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   SRCPARAM L0000488     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000489     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000490     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000491     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000492     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000493     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000494     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000495     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000496     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000497     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000498     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000499     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000500     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000501     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000502     0.0185185185      2.59      4.00      2.41
   SRCPARAM L0000503     0.0185185185      2.59      4.00      2.41
** ----------------------------------------------------------------------
** LINE VOLUME SOURCE ID = HAUL2
   SRCPARAM L0000662     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000663     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000664     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000665     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000666     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000667     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000668     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000669     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000670     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000671     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000672     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000673     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000674     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000675     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000676     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000677     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000678     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000679     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000680     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000681     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000682     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000683     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000684     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000685     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000686     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000687     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000688     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000689     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000690     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000691     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000692     0.0174547923      2.59      4.00      2.41
   SRCPARAM L0000693     0.0174547923      2.59      4.00      2.41
```

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** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = DOCKS
   SRCPARAM L0000534          0.05      2.59      4.00      2.41
   SRCPARAM L0000535          0.05      2.59      4.00      2.41
   SRCPARAM L0000536          0.05      2.59      4.00      2.41
   SRCPARAM L0000537          0.05      2.59      4.00      2.41
   SRCPARAM L0000538          0.05      2.59      4.00      2.41
   SRCPARAM L0000539          0.05      2.59      4.00      2.41
   SRCPARAM L0000540          0.05      2.59      4.00      2.41
   SRCPARAM L0000541          0.05      2.59      4.00      2.41
   SRCPARAM L0000542          0.05      2.59      4.00      2.41
   SRCPARAM L0000543          0.05      2.59      4.00      2.41
   SRCPARAM L0000544          0.05      2.59      4.00      2.41
   SRCPARAM L0000545          0.05      2.59      4.00      2.41
   SRCPARAM L0000546          0.05      2.59      4.00      2.41
   SRCPARAM L0000547          0.05      2.59      4.00      2.41
   SRCPARAM L0000548          0.05      2.59      4.00      2.41
   SRCPARAM L0000549          0.05      2.59      4.00      2.41
   SRCPARAM L0000550          0.05      2.59      4.00      2.41
   SRCPARAM L0000551          0.05      2.59      4.00      2.41
   SRCPARAM L0000552          0.05      2.59      4.00      2.41
   SRCPARAM L0000553          0.05      2.59      4.00      2.41
** ------------------------------------------------------------------
   SRCPARAM GEN                1.0     5.000   763.850   224.391     0.229
** LINE VOLUME SOURCE ID = HAUL3
   SRCPARAM L0000652     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000653     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000654     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000655     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000656     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000657     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000658     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000659     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000660     0.0441446645      2.59      6.33      2.41
   SRCPARAM L0000661     0.0441446645      2.59      6.33      2.41
** ------------------------------------------------------------------

** BUILDING DOWNWASH **
   BUILDHGT GEN            12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT GEN            12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT GEN            12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT GEN            12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT GEN            12.19    12.19    12.19    12.19    12.19    12.19
   BUILDHGT GEN            12.19    12.19    12.19    12.19    12.19    12.19

   BUILDWID GEN           281.60   280.57   271.51   258.65   244.15   222.23
   BUILDWID GEN           193.56   159.00   121.98   166.38   206.91   241.15
   BUILDWID GEN           268.06   286.83   296.89   297.92   289.90   277.02
   BUILDWID GEN           281.60   280.57   271.51   258.65   244.15   222.23
   BUILDWID GEN           193.56   159.00   121.98   166.38   206.91   241.15
```

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   BUILDWID GEN           268.06   286.83   296.89   297.92   289.90   277.02

   BUILDLEN GEN           166.38   206.91   241.15   268.06   286.83   296.89
   BUILDLEN GEN           297.92   289.90   277.02   281.60   280.57   271.51
   BUILDLEN GEN           258.65   244.15   222.23   193.56   159.00   121.98
   BUILDLEN GEN           166.38   206.91   241.15   268.06   286.83   296.89
   BUILDLEN GEN           297.92   289.90   277.02   281.60   280.57   271.51
   BUILDLEN GEN           258.65   244.15   222.23   193.56   159.00   121.98

   XBADJ    GEN           -52.58   -49.43   -44.77   -38.76   -31.57   -23.42
   XBADJ    GEN           -14.56    -5.25     2.63    -5.98   -16.56   -27.15
   XBADJ    GEN           -36.91   -45.55   -52.80   -58.45   -62.33   -66.67
   XBADJ    GEN          -113.81  -157.48  -196.38  -229.30  -255.26  -273.47
   XBADJ    GEN          -283.36  -284.64  -279.65  -275.62  -264.00  -244.36
   XBADJ    GEN          -221.74  -198.60  -169.42  -135.10   -96.67   -55.31

   YBADJ    GEN          -134.82  -123.72  -108.61   -92.41   -76.53   -58.31
   YBADJ    GEN           -38.32   -17.17     5.68    30.61    54.03    75.80
   YBADJ    GEN            95.27   111.85   125.02   134.40   139.70   141.14
   YBADJ    GEN           134.82   123.72   108.61    92.41    76.53    58.31
   YBADJ    GEN            38.32    17.17    -5.68   -30.61   -54.03   -75.80
   YBADJ    GEN           -95.27  -111.85  -125.02  -134.40  -139.70  -141.14

   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / SEVEN DAYS (HRDOW7)"
** VARIABLE EMISSION SCENARIO: "GEN"
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP GEN      GEN
   SRCGROUP DOCKS    L0000534 L0000535 L0000536 L0000537 L0000538 L0000539
```

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   SRCGROUP DOCKS    L0000540 L0000541 L0000542 L0000543 L0000544 L0000545
   SRCGROUP DOCKS    L0000546 L0000547 L0000548 L0000549 L0000550 L0000551
   SRCGROUP DOCKS    L0000552 L0000553
   SRCGROUP HAUL     L0000570 L0000571 L0000572 L0000573 L0000574 L0000575
   SRCGROUP HAUL     L0000576 L0000577 L0000578 L0000579 L0000580 L0000581
   SRCGROUP HAUL     L0000582 L0000583 L0000584 L0000585 L0000586 L0000587
   SRCGROUP HAUL     L0000588 L0000589 L0000590 L0000591 L0000592 L0000593
   SRCGROUP HAUL     L0000594 L0000595 L0000596 L0000597 L0000598 L0000599
   SRCGROUP HAUL     L0000600 L0000601 L0000602 L0000603 L0000604 L0000605
   SRCGROUP HAUL     L0000606 L0000607 L0000608 L0000609 L0000610 L0000611
   SRCGROUP HAUL     L0000612 L0000613 L0000614 L0000615 L0000616 L0000617
   SRCGROUP HAUL     L0000618 L0000619 L0000620 L0000621 L0000622 L0000623
   SRCGROUP HAUL     L0000624 L0000625 L0000626 L0000627 L0000628 L0000629
   SRCGROUP HAUL     L0000630 L0000631 L0000632 L0000633 L0000634 L0000635
   SRCGROUP HAUL     L0000636 L0000637 L0000638 L0000639 L0000662 L0000663
   SRCGROUP HAUL     L0000664 L0000665 L0000666 L0000667 L0000668 L0000669
   SRCGROUP HAUL     L0000670 L0000671 L0000672 L0000673 L0000674 L0000675
   SRCGROUP HAUL     L0000676 L0000677 L0000678 L0000679 L0000680 L0000681
   SRCGROUP HAUL     L0000682 L0000683 L0000684 L0000685 L0000686 L0000687
   SRCGROUP HAUL     L0000688 L0000689 L0000690 L0000691 L0000692 L0000693
   SRCGROUP HAUL     L0000652 L0000653 L0000654 L0000655 L0000656 L0000657
   SRCGROUP HAUL     L0000658 L0000659 L0000660 L0000661
   SRCGROUP ONSITE   L0000450 L0000451 L0000452 L0000453 L0000454 L0000455
   SRCGROUP ONSITE   L0000456 L0000457 L0000458 L0000459 L0000460 L0000461
   SRCGROUP ONSITE   L0000462 L0000463 L0000464 L0000465 L0000466 L0000467
   SRCGROUP ONSITE   L0000468 L0000469 L0000470 L0000471 L0000472 L0000473
   SRCGROUP ONSITE   L0000474 L0000475 L0000476 L0000477 L0000478 L0000479
   SRCGROUP ONSITE   L0000480 L0000481 L0000482 L0000483 L0000484 L0000485
   SRCGROUP ONSITE   L0000486 L0000487 L0000488 L0000489 L0000490 L0000491
   SRCGROUP ONSITE   L0000492 L0000493 L0000494 L0000495 L0000496 L0000497
   SRCGROUP ONSITE   L0000498 L0000499 L0000500 L0000501 L0000502 L0000503
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD RECEPTOR PATHWAY
**********************************
**
**
RE STARTING
   INCLUDED "OPERATIONS - OPTION 1.ROU"
RE FINISHED
**
**********************************
** AERMOD METEOROLOGY PATHWAY
**********************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS - OPTION
```

```
1\MET DATA\
   SURFFILE METDAT~1\KLGB_V~1.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS - OPTION
1\MET DATA\
   PROFFILE METDAT~1\KLGB_V~1.PFL
   SURFDATA 23129 2015 KLGB
   UAIRDATA 3190 2015
   PROFBASE 9.65 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS -
OPTION 1\OPERATIONS - OPTION 1.AD\01H1GALL.PLT" 31
   PLOTFILE   1 GEN 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS -
OPTION 1\OPERATIONS - OPTION 1.AD\01H1G001.PLT" 32
   PLOTFILE   1 DOCKS 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS -
OPTION 1\OPERATIONS - OPTION 1.AD\01H1G002.PLT" 33
   PLOTFILE   1 HAUL 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS -
OPTION 1\OPERATIONS - OPTION 1.AD\01H1G003.PLT" 34
   PLOTFILE   1 ONSITE 1ST "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS -
OPTION 1\OPERATIONS - OPTION 1.AD\01H1G004.PLT" 35
   PLOTFILE   PERIOD ALL "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS -
OPTION 1\OPERATIONS - OPTION 1.AD\PE00GALL.PLT" 36
   PLOTFILE   PERIOD GEN "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS -
OPTION 1\OPERATIONS - OPTION 1.AD\PE00G001.PLT" 37
   PLOTFILE   PERIOD DOCKS "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS -
OPTION 1\OPERATIONS - OPTION 1.AD\PE00G002.PLT" 38
   PLOTFILE   PERIOD HAUL "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS -
OPTION 1\OPERATIONS - OPTION 1.AD\PE00G003.PLT" 39
   PLOTFILE   PERIOD ONSITE "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS -
OPTION 1\OPERATIONS - OPTION 1.AD\PE00G004.PLT" 40
   SUMMFILE "C:\LAKES\AERMOD VIEW\PROJECTS\3800 VIA ORO\OPERATIONS - OPTION
1\OPERATIONS - OPTION 1.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     522        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186     655       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     655       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                           ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                           ***       14:51:24

                                    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   187 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    450901.0 ;  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: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    187 Source(s);       5 Source Group(s); and     724
Receptor(s)

                with:      1 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    186 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 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) =     9.65 ;  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 =      4.3 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	BASE X (METERS)	BASE Y (METERS)	STACK ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/HOR VARY BY
GEN	0	0.10000E+01	387824.3	3743885.6	10.4	5.00	763.85	224.39	0.23	YES	YES	NO HRDOW7

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	BASE X (METERS)	BASE Y (METERS)	RELEASE ELEV. (METERS)	INIT. HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0000570	0	0.14286E-01	387784.3	3743818.1	9.8	2.59	6.33	2.41	YES	NO

L0000571	0	0.14286E-01	387770.8	3743817.4	9.9	2.59	6.33	2.41	YES	NO
L0000572	0	0.14286E-01	387757.2	3743817.4	10.1	2.59	6.33	2.41	YES	NO
L0000573	0	0.14286E-01	387743.6	3743817.6	10.2	2.59	6.33	2.41	YES	NO
L0000574	0	0.14286E-01	387729.9	3743817.8	10.2	2.59	6.33	2.41	YES	NO
L0000575	0	0.14286E-01	387716.3	3743817.9	10.2	2.59	6.33	2.41	YES	NO
L0000576	0	0.14286E-01	387702.7	3743818.0	10.2	2.59	6.33	2.41	YES	NO
L0000577	0	0.14286E-01	387689.1	3743818.0	10.3	2.59	6.33	2.41	YES	NO
L0000578	0	0.14286E-01	387675.8	3743815.7	10.3	2.59	6.33	2.41	YES	NO
L0000579	0	0.14286E-01	387663.4	3743810.3	10.2	2.59	6.33	2.41	YES	NO
L0000580	0	0.14286E-01	387651.8	3743803.2	10.1	2.59	6.33	2.41	YES	NO
L0000581	0	0.14286E-01	387640.5	3743795.6	10.0	2.59	6.33	2.41	YES	NO
L0000582	0	0.14286E-01	387629.7	3743787.3	10.0	2.59	6.33	2.41	YES	NO
L0000583	0	0.14286E-01	387620.3	3743777.9	10.0	2.59	6.33	2.41	YES	NO
L0000584	0	0.14286E-01	387615.1	3743765.3	9.9	2.59	6.33	2.41	YES	NO
L0000585	0	0.14286E-01	387610.8	3743752.4	9.8	2.59	6.33	2.41	YES	NO
L0000586	0	0.14286E-01	387607.1	3743739.3	9.7	2.59	6.33	2.41	YES	NO
L0000587	0	0.14286E-01	387604.8	3743726.1	9.7	2.59	6.33	2.41	YES	NO
L0000588	0	0.14286E-01	387606.4	3743712.6	9.6	2.59	6.33	2.41	YES	NO
L0000589	0	0.14286E-01	387609.3	3743699.3	9.6	2.59	6.33	2.41	YES	NO
L0000590	0	0.14286E-01	387612.2	3743686.0	9.5	2.59	6.33	2.41	YES	NO
L0000591	0	0.14286E-01	387615.1	3743672.6	9.5	2.59	6.33	2.41	YES	NO
L0000592	0	0.14286E-01	387618.7	3743659.5	9.5	2.59	6.33	2.41	YES	NO
L0000593	0	0.14286E-01	387622.3	3743646.4	9.5	2.59	6.33	2.41	YES	NO
L0000594	0	0.14286E-01	387626.0	3743633.3	9.4	2.59	6.33	2.41	YES	NO
L0000595	0	0.14286E-01	387629.6	3743620.1	9.3	2.59	6.33	2.41	YES	NO

```
 L0000596         0   0.14286E-01  387632.3 3743606.8     9.3     2.59     6.33
2.41     YES                    NO
 L0000597         0   0.14286E-01  387629.1 3743597.1     9.3     2.59     6.33
2.41     YES                    NO
 L0000598         0   0.14286E-01  387616.4 3743592.3     9.2     2.59     6.33
2.41     YES                    NO
 L0000599         0   0.14286E-01  387603.6 3743587.5     9.2     2.59     6.33
2.41     YES                    NO
 L0000600         0   0.14286E-01  387590.9 3743582.7     9.3     2.59     6.33
2.41     YES                    NO
 L0000601         0   0.14286E-01  387578.1 3743578.0     9.4     2.59     6.33
2.41     YES                    NO
 L0000602         0   0.14286E-01  387565.3 3743573.3     9.5     2.59     6.33
2.41     YES                    NO
 L0000603         0   0.14286E-01  387552.6 3743568.6     9.5     2.59     6.33
2.41     YES                    NO
 L0000604         0   0.14286E-01  387539.8 3743563.9     9.4     2.59     6.33
2.41     YES                    NO
 L0000605         0   0.14286E-01  387527.0 3743559.2     9.2     2.59     6.33
2.41     YES                    NO
 L0000606         0   0.14286E-01  387514.2 3743554.5     9.2     2.59     6.33
2.41     YES                    NO
 L0000607         0   0.14286E-01  387501.4 3743549.8     9.2     2.59     6.33
2.41     YES                    NO
 L0000608         0   0.14286E-01  387489.2 3743543.8     9.1     2.59     6.33
2.41     YES                    NO
 L0000609         0   0.14286E-01  387484.9 3743531.9     9.0     2.59     6.33
2.41     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0000610         0   0.14286E-01  387489.7 3743519.2     9.1     2.59     6.33
2.41     YES                    NO
```

L0000611	0	0.14286E-01	387492.2	3743505.8	9.2	2.59	6.33	2.41
YES		NO						
L0000612	0	0.14286E-01	387494.4	3743492.4	9.4	2.59	6.33	2.41
YES		NO						
L0000613	0	0.14286E-01	387496.7	3743478.9	9.3	2.59	6.33	2.41
YES		NO						
L0000614	0	0.14286E-01	387499.0	3743465.5	9.1	2.59	6.33	2.41
YES		NO						
L0000615	0	0.14286E-01	387501.2	3743452.1	9.0	2.59	6.33	2.41
YES		NO						
L0000616	0	0.14286E-01	387503.5	3743438.6	9.2	2.59	6.33	2.41
YES		NO						
L0000617	0	0.14286E-01	387505.8	3743425.2	9.2	2.59	6.33	2.41
YES		NO						
L0000618	0	0.14286E-01	387508.1	3743411.8	9.1	2.59	6.33	2.41
YES		NO						
L0000619	0	0.14286E-01	387510.7	3743398.4	8.9	2.59	6.33	2.41
YES		NO						
L0000620	0	0.14286E-01	387514.2	3743385.3	8.8	2.59	6.33	2.41
YES		NO						
L0000621	0	0.14286E-01	387517.6	3743372.1	8.7	2.59	6.33	2.41
YES		NO						
L0000622	0	0.14286E-01	387517.6	3743358.7	8.7	2.59	6.33	2.41
YES		NO						
L0000623	0	0.14286E-01	387512.9	3743347.5	8.8	2.59	6.33	2.41
YES		NO						
L0000624	0	0.14286E-01	387499.8	3743344.9	8.8	2.59	6.33	2.41
YES		NO						
L0000625	0	0.14286E-01	387486.2	3743345.0	8.8	2.59	6.33	2.41
YES		NO						
L0000626	0	0.14286E-01	387472.5	3743345.0	8.7	2.59	6.33	2.41
YES		NO						
L0000627	0	0.14286E-01	387458.9	3743345.0	8.7	2.59	6.33	2.41
YES		NO						
L0000628	0	0.14286E-01	387445.3	3743345.1	8.7	2.59	6.33	2.41
YES		NO						
L0000629	0	0.14286E-01	387431.7	3743345.1	8.7	2.59	6.33	2.41
YES		NO						
L0000630	0	0.14286E-01	387418.1	3743345.2	8.7	2.59	6.33	2.41
YES		NO						
L0000631	0	0.14286E-01	387404.5	3743345.2	8.7	2.59	6.33	2.41
YES		NO						
L0000632	0	0.14286E-01	387390.8	3743345.3	8.7	2.59	6.33	2.41
YES		NO						
L0000633	0	0.14286E-01	387377.2	3743345.3	8.7	2.59	6.33	2.41
YES		NO						
L0000634	0	0.14286E-01	387363.6	3743345.4	8.7	2.59	6.33	2.41
YES		NO						
L0000635	0	0.14286E-01	387350.0	3743345.4	8.6	2.59	6.33	2.41
YES		NO						

```
 L0000636         0   0.14286E-01  387336.3 3743345.4     8.6     2.59     6.33
2.41     YES                    NO
 L0000637         0   0.14286E-01  387322.7 3743345.5     8.6     2.59     6.33
2.41     YES                    NO
 L0000638         0   0.14286E-01  387309.1 3743345.5     8.6     2.59     6.33
2.41     YES                    NO
 L0000639         0   0.14286E-01  387295.5 3743345.6     8.5     2.59     6.33
2.41     YES                    NO
 L0000450         0   0.18519E-01  387809.6 3743966.0    10.3     2.59     4.00
2.41     YES                    NO
 L0000451         0   0.18519E-01  387818.2 3743965.9    10.3     2.59     4.00
2.41     YES                    NO
 L0000452         0   0.18519E-01  387826.8 3743965.8    10.4     2.59     4.00
2.41     YES                    NO
 L0000453         0   0.18519E-01  387835.4 3743965.6    10.4     2.59     4.00
2.41     YES                    NO
 L0000454         0   0.18519E-01  387844.0 3743965.5    10.5     2.59     4.00
2.41     YES                    NO
 L0000455         0   0.18519E-01  387852.6 3743965.4    10.5     2.59     4.00
2.41     YES                    NO
 L0000456         0   0.18519E-01  387861.1 3743965.2    10.5     2.59     4.00
2.41     YES                    NO
 L0000457         0   0.18519E-01  387869.7 3743965.0    10.6     2.59     4.00
2.41     YES                    NO
 L0000458         0   0.18519E-01  387878.3 3743964.7    10.6     2.59     4.00
2.41     YES                    NO
 L0000459         0   0.18519E-01  387886.9 3743964.5    10.7     2.59     4.00
2.41     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0000460         0   0.18519E-01  387895.5 3743964.2    10.7     2.59     4.00
2.41     YES                    NO
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L0000461	0	0.18519E-01	387904.1	3743964.0	10.7	2.59	4.00	2.41
YES		NO						
L0000462	0	0.18519E-01	387912.7	3743963.8	10.6	2.59	4.00	2.41
YES		NO						
L0000463	0	0.18519E-01	387921.3	3743963.7	10.6	2.59	4.00	2.41
YES		NO						
L0000464	0	0.18519E-01	387929.9	3743963.6	10.6	2.59	4.00	2.41
YES		NO						
L0000465	0	0.18519E-01	387938.4	3743963.5	10.5	2.59	4.00	2.41
YES		NO						
L0000466	0	0.18519E-01	387947.0	3743963.4	10.5	2.59	4.00	2.41
YES		NO						
L0000467	0	0.18519E-01	387955.6	3743963.5	10.4	2.59	4.00	2.41
YES		NO						
L0000468	0	0.18519E-01	387964.2	3743963.6	10.4	2.59	4.00	2.41
YES		NO						
L0000469	0	0.18519E-01	387972.8	3743963.8	10.4	2.59	4.00	2.41
YES		NO						
L0000470	0	0.18519E-01	387981.4	3743963.9	10.4	2.59	4.00	2.41
YES		NO						
L0000471	0	0.18519E-01	387990.0	3743964.0	10.3	2.59	4.00	2.41
YES		NO						
L0000472	0	0.18519E-01	387998.6	3743964.2	10.3	2.59	4.00	2.41
YES		NO						
L0000473	0	0.18519E-01	388007.2	3743964.2	10.4	2.59	4.00	2.41
YES		NO						
L0000474	0	0.18519E-01	388015.8	3743964.2	10.4	2.59	4.00	2.41
YES		NO						
L0000475	0	0.18519E-01	388024.3	3743964.2	10.4	2.59	4.00	2.41
YES		NO						
L0000476	0	0.18519E-01	388032.9	3743964.2	10.4	2.59	4.00	2.41
YES		NO						
L0000477	0	0.18519E-01	388041.5	3743964.2	10.3	2.59	4.00	2.41
YES		NO						
L0000478	0	0.18519E-01	388050.1	3743964.2	10.2	2.59	4.00	2.41
YES		NO						
L0000479	0	0.18519E-01	388058.7	3743964.3	10.0	2.59	4.00	2.41
YES		NO						
L0000480	0	0.18519E-01	388067.3	3743964.4	9.9	2.59	4.00	2.41
YES		NO						
L0000481	0	0.18519E-01	388075.9	3743964.5	9.8	2.59	4.00	2.41
YES		NO						
L0000482	0	0.18519E-01	388084.5	3743964.7	9.7	2.59	4.00	2.41
YES		NO						
L0000483	0	0.18519E-01	388093.1	3743964.9	9.6	2.59	4.00	2.41
YES		NO						
L0000484	0	0.18519E-01	388101.6	3743964.2	9.6	2.59	4.00	2.41
YES		NO						
L0000485	0	0.18519E-01	388110.0	3743962.5	9.8	2.59	4.00	2.41
YES		NO						

```
 L0000486         0   0.18519E-01  388115.9 3743957.7     9.8     2.59     4.00
2.41     YES                    NO
 L0000487         0   0.18519E-01  388116.9 3743949.2     9.8     2.59     4.00
2.41     YES                    NO
 L0000488         0   0.18519E-01  388116.9 3743940.6     9.8     2.59     4.00
2.41     YES                    NO
 L0000489         0   0.18519E-01  388116.9 3743932.0     9.7     2.59     4.00
2.41     YES                    NO
 L0000490         0   0.18519E-01  388116.9 3743923.4     9.7     2.59     4.00
2.41     YES                    NO
 L0000491         0   0.18519E-01  388117.0 3743914.8     9.7     2.59     4.00
2.41     YES                    NO
 L0000492         0   0.18519E-01  388117.2 3743906.2     9.7     2.59     4.00
2.41     YES                    NO
 L0000493         0   0.18519E-01  388117.3 3743897.6     9.7     2.59     4.00
2.41     YES                    NO
 L0000494         0   0.18519E-01  388117.5 3743889.0     9.6     2.59     4.00
2.41     YES                    NO
 L0000495         0   0.18519E-01  388117.7 3743880.4     9.6     2.59     4.00
2.41     YES                    NO
 L0000496         0   0.18519E-01  388115.0 3743872.4     9.6     2.59     4.00
2.41     YES                    NO
 L0000497         0   0.18519E-01  388110.3 3743865.2     9.7     2.59     4.00
2.41     YES                    NO
 L0000498         0   0.18519E-01  388105.3 3743858.2     9.7     2.59     4.00
2.41     YES                    NO
 L0000499         0   0.18519E-01  388100.3 3743851.2     9.9     2.59     4.00
2.41     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0000500         0   0.18519E-01  388095.3 3743844.3    10.1     2.59     4.00
2.41     YES                    NO
```

L0000501	0	0.18519E-01	388090.3	3743837.3	10.1	2.59	4.00	2.41
YES		NO						
L0000502	0	0.18519E-01	388085.3	3743830.3	10.1	2.59	4.00	2.41
YES		NO						
L0000503	0	0.18519E-01	388080.2	3743823.3	10.1	2.59	4.00	2.41
YES		NO						
L0000662	0	0.17455E-01	387801.2	3743816.5	9.8	2.59	4.00	2.41
YES		NO						
L0000663	0	0.17455E-01	387809.8	3743816.4	9.8	2.59	4.00	2.41
YES		NO						
L0000664	0	0.17455E-01	387818.4	3743816.3	9.8	2.59	4.00	2.41
YES		NO						
L0000665	0	0.17455E-01	387827.0	3743816.2	9.9	2.59	4.00	2.41
YES		NO						
L0000666	0	0.17455E-01	387835.6	3743816.1	9.9	2.59	4.00	2.41
YES		NO						
L0000667	0	0.17455E-01	387844.1	3743816.0	9.9	2.59	4.00	2.41
YES		NO						
L0000668	0	0.17455E-01	387852.7	3743815.9	9.9	2.59	4.00	2.41
YES		NO						
L0000669	0	0.17455E-01	387861.3	3743815.8	9.9	2.59	4.00	2.41
YES		NO						
L0000670	0	0.17455E-01	387869.9	3743815.8	9.9	2.59	4.00	2.41
YES		NO						
L0000671	0	0.17455E-01	387878.5	3743815.7	9.9	2.59	4.00	2.41
YES		NO						
L0000672	0	0.17455E-01	387887.1	3743815.6	9.9	2.59	4.00	2.41
YES		NO						
L0000673	0	0.17455E-01	387895.7	3743815.5	9.9	2.59	4.00	2.41
YES		NO						
L0000674	0	0.17455E-01	387904.3	3743815.4	9.9	2.59	4.00	2.41
YES		NO						
L0000675	0	0.17455E-01	387912.9	3743815.3	9.9	2.59	4.00	2.41
YES		NO						
L0000676	0	0.17455E-01	387921.5	3743815.2	10.0	2.59	4.00	2.41
YES		NO						
L0000677	0	0.17455E-01	387930.0	3743815.1	10.0	2.59	4.00	2.41
YES		NO						
L0000678	0	0.17455E-01	387938.6	3743815.0	10.0	2.59	4.00	2.41
YES		NO						
L0000679	0	0.17455E-01	387947.2	3743815.0	10.0	2.59	4.00	2.41
YES		NO						
L0000680	0	0.17455E-01	387955.8	3743814.9	10.0	2.59	4.00	2.41
YES		NO						
L0000681	0	0.17455E-01	387964.4	3743814.8	10.0	2.59	4.00	2.41
YES		NO						
L0000682	0	0.17455E-01	387973.0	3743814.7	10.0	2.59	4.00	2.41
YES		NO						
L0000683	0	0.17455E-01	387981.6	3743814.6	10.0	2.59	4.00	2.41
YES		NO						

```
 L0000684         0   0.17455E-01  387990.2 3743814.5    10.0     2.59     4.00
2.41     YES                    NO
 L0000685         0   0.17455E-01  387998.8 3743814.4    10.0     2.59     4.00
2.41     YES                    NO
 L0000686         0   0.17455E-01  388007.4 3743814.3    10.0     2.59     4.00
2.41     YES                    NO
 L0000687         0   0.17455E-01  388016.0 3743814.2    10.1     2.59     4.00
2.41     YES                    NO
 L0000688         0   0.17455E-01  388024.5 3743814.1    10.1     2.59     4.00
2.41     YES                    NO
 L0000689         0   0.17455E-01  388033.1 3743814.1    10.1     2.59     4.00
2.41     YES                    NO
 L0000690         0   0.17455E-01  388041.7 3743814.0    10.1     2.59     4.00
2.41     YES                    NO
 L0000691         0   0.17455E-01  388050.3 3743813.9    10.1     2.59     4.00
2.41     YES                    NO
 L0000692         0   0.17455E-01  388058.9 3743813.8    10.1     2.59     4.00
2.41     YES                    NO
 L0000693         0   0.17455E-01  388067.5 3743813.7    10.1     2.59     4.00
2.41     YES                    NO
 L0000534         0   0.50000E-01  387893.6 3743937.1    10.7     2.59     4.00
2.41     YES                    NO
 L0000535         0   0.50000E-01  387902.2 3743937.0    10.6     2.59     4.00
2.41     YES                    NO
 L0000536         0   0.50000E-01  387910.8 3743937.0    10.6     2.59     4.00
2.41     YES                    NO
 L0000537         0   0.50000E-01  387919.4 3743937.0    10.6     2.59     4.00
2.41     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24

                                  PAGE   7
 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0000538         0   0.50000E-01  387928.0 3743937.0    10.5     2.59     4.00
2.41     YES                    NO
```

L0000539	0	0.50000E-01	387936.5	3743937.0	10.4	2.59	4.00	
2.41	YES	NO						
L0000540	0	0.50000E-01	387945.1	3743937.0	10.4	2.59	4.00	
2.41	YES	NO						
L0000541	0	0.50000E-01	387953.7	3743937.0	10.3	2.59	4.00	
2.41	YES	NO						
L0000542	0	0.50000E-01	387962.3	3743937.0	10.2	2.59	4.00	
2.41	YES	NO						
L0000543	0	0.50000E-01	387970.9	3743937.0	10.1	2.59	4.00	
2.41	YES	NO						
L0000544	0	0.50000E-01	387979.5	3743937.0	10.1	2.59	4.00	
2.41	YES	NO						
L0000545	0	0.50000E-01	387988.1	3743937.0	10.1	2.59	4.00	
2.41	YES	NO						
L0000546	0	0.50000E-01	387996.7	3743937.0	10.1	2.59	4.00	
2.41	YES	NO						
L0000547	0	0.50000E-01	388005.3	3743937.0	10.2	2.59	4.00	
2.41	YES	NO						
L0000548	0	0.50000E-01	388013.9	3743937.0	10.4	2.59	4.00	
2.41	YES	NO						
L0000549	0	0.50000E-01	388022.5	3743937.0	10.4	2.59	4.00	
2.41	YES	NO						
L0000550	0	0.50000E-01	388031.0	3743937.0	10.4	2.59	4.00	
2.41	YES	NO						
L0000551	0	0.50000E-01	388039.6	3743937.0	10.4	2.59	4.00	
2.41	YES	NO						
L0000552	0	0.50000E-01	388048.2	3743937.0	10.3	2.59	4.00	
2.41	YES	NO						
L0000553	0	0.50000E-01	388056.8	3743937.0	10.2	2.59	4.00	
2.41	YES	NO						
L0000652	0	0.44145E-01	387793.9	3743962.2	10.1	2.59	6.33	
2.41	YES	NO						
L0000653	0	0.44145E-01	387793.8	3743948.5	10.1	2.59	6.33	
2.41	YES	NO						
L0000654	0	0.44145E-01	387793.7	3743934.9	10.0	2.59	6.33	
2.41	YES	NO						
L0000655	0	0.44145E-01	387793.5	3743921.3	10.0	2.59	6.33	
2.41	YES	NO						
L0000656	0	0.44145E-01	387793.4	3743907.7	9.9	2.59	6.33	
2.41	YES	NO						
L0000657	0	0.44145E-01	387793.3	3743894.1	9.9	2.59	6.33	
2.41	YES	NO						
L0000658	0	0.44145E-01	387793.2	3743880.4	9.8	2.59	6.33	
2.41	YES	NO						
L0000659	0	0.44145E-01	387793.1	3743866.8	9.8	2.59	6.33	
2.41	YES	NO						
L0000660	0	0.44145E-01	387793.0	3743853.2	9.7	2.59	6.33	
2.41	YES	NO						
L0000661	0	0.44145E-01	387792.9	3743839.6	9.7	2.59	6.33	
2.41	YES	NO						

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
GEN	GEN ,
DOCKS	L0000534 , L0000535 , L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 ,
	L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 ,
	L0000550 , L0000551 , L0000552 , L0000553 ,
HAUL	L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 ,
	L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 ,
	L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 ,
	L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 ,
	L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 ,
	L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 ,
	L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , L0000623 , L0000624 , L0000625 ,
	L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 , L0000633 ,
	L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,

L0000639   , L0000662   , L0000663   ,

             L0000664   , L0000665   , L0000666   , L0000667   , L0000668   ,
L0000669   , L0000670   , L0000671   ,

             L0000672   , L0000673   , L0000674   , L0000675   , L0000676   ,
L0000677   , L0000678   , L0000679   ,

             L0000680   , L0000681   , L0000682   , L0000683   , L0000684   ,
L0000685   , L0000686   , L0000687   ,

             L0000688   , L0000689   , L0000690   , L0000691   , L0000692   ,
L0000693   , L0000652   , L0000653   ,

             L0000654   , L0000655   , L0000656   , L0000657   , L0000658   ,
L0000659   , L0000660   , L0000661   ,

  ONSITE   L0000450   , L0000451   , L0000452   , L0000453   , L0000454   ,
L0000455   , L0000456   , L0000457   ,

             L0000458   , L0000459   , L0000460   , L0000461   , L0000462   ,
L0000463   , L0000464   , L0000465   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

             L0000466   , L0000467   , L0000468   , L0000469   , L0000470   ,
L0000471   , L0000472   , L0000473   ,

             L0000474   , L0000475   , L0000476   , L0000477   , L0000478   ,
L0000479   , L0000480   , L0000481   ,

             L0000482   , L0000483   , L0000484   , L0000485   , L0000486   ,
L0000487   , L0000488   , L0000489   ,

             L0000490   , L0000491   , L0000492   , L0000493   , L0000494   ,
L0000495   , L0000496   , L0000497   ,

             L0000498   , L0000499   , L0000500   , L0000501   , L0000502   ,

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L0000503    ,

  ALL         L0000570    , L0000571    , L0000572    , L0000573    , L0000574    ,
L0000575    , L0000576    , L0000577    ,

              L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
L0000583    , L0000584    , L0000585    ,

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L0000591    , L0000592    , L0000593    ,

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L0000599    , L0000600    , L0000601    ,

              L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    , L0000608    , L0000609    ,

              L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
L0000615    , L0000616    , L0000617    ,

              L0000618    , L0000619    , L0000620    , L0000621    , L0000622    ,
L0000623    , L0000624    , L0000625    ,

              L0000626    , L0000627    , L0000628    , L0000629    , L0000630    ,
L0000631    , L0000632    , L0000633    ,

              L0000634    , L0000635    , L0000636    , L0000637    , L0000638    ,
L0000639    , L0000450    , L0000451    ,

              L0000452    , L0000453    , L0000454    , L0000455    , L0000456    ,
L0000457    , L0000458    , L0000459    ,

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L0000465    , L0000466    , L0000467    ,

              L0000468    , L0000469    , L0000470    , L0000471    , L0000472    ,
L0000473    , L0000474    , L0000475    ,

              L0000476    , L0000477    , L0000478    , L0000479    , L0000480    ,
L0000481    , L0000482    , L0000483    ,

              L0000484    , L0000485    , L0000486    , L0000487    , L0000488    ,
L0000489    , L0000490    , L0000491    ,

              L0000492    , L0000493    , L0000494    , L0000495    , L0000496    ,
L0000497    , L0000498    , L0000499    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000500 , L0000501 , L0000502 , L0000503 , L0000662 , L0000663 , L0000664 , L0000665 ,
	L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 ,
	L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , L0000680 , L0000681 ,
	L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 , L0000688 , L0000689 ,
	L0000690 , L0000691 , L0000692 , L0000693 , L0000534 , L0000535 , L0000536 , L0000537 ,
	L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 ,
	L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 ,
	GEN , L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 ,
	L0000659 , L0000660 , L0000661 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

```
              450901.   L0000570    , L0000571    , L0000572    , L0000573    ,
L0000574    , L0000575    , L0000576    ,
 L0000577    ,

              L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
L0000583    , L0000584    , L0000585    ,

              L0000586    , L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    , L0000592    , L0000593    ,

              L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    , L0000600    , L0000601    ,

              L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    , L0000608    , L0000609    ,

              L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
L0000615    , L0000616    , L0000617    ,

              L0000618    , L0000619    , L0000620    , L0000621    , L0000622    ,
L0000623    , L0000624    , L0000625    ,

              L0000626    , L0000627    , L0000628    , L0000629    , L0000630    ,
L0000631    , L0000632    , L0000633    ,

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L0000639    , L0000450    , L0000451    ,

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L0000457    , L0000458    , L0000459    ,

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L0000465    , L0000466    , L0000467    ,

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L0000473    , L0000474    , L0000475    ,

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L0000481    , L0000482    , L0000483    ,

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L0000489    , L0000490    , L0000491    ,

              L0000492    , L0000493    , L0000494    , L0000495    , L0000496    ,
L0000497    , L0000498    , L0000499    ,

              L0000500    , L0000501    , L0000502    , L0000503    , L0000662    ,
L0000663    , L0000664    , L0000665    ,
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L0000666 , L0000667 , L0000668 , L0000669 , L0000670 ,
L0000671 , L0000672 , L0000673 ,

L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
L0000679 , L0000680 , L0000681 ,

L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
L0000687 , L0000688 , L0000689 ,

L0000690 , L0000691 , L0000692 , L0000693 , L0000534 ,
L0000535 , L0000536 , L0000537 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000538 , L0000539 , L0000540 , L0000541 , L0000542 ,
L0000543 , L0000544 , L0000545 ,

L0000546 , L0000547 , L0000548 , L0000549 , L0000550 ,
L0000551 , L0000552 , L0000553 ,

GEN , L0000652 , L0000653 , L0000654 , L0000655 ,
L0000656 , L0000657 , L0000658 ,

L0000659 , L0000660 , L0000661 ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: GEN

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.2,	281.6,	166.4,	-52.6,	-134.8,	2	12.2,	280.6,	206.9,	-49.4,	-123.7,
3	12.2,	271.5,	241.2,	-44.8,	-108.6,	4	12.2,	258.7,	268.1,	-38.8,	-92.4,
5	12.2,	244.2,	286.8,	-31.6,	-76.5,	6	12.2,	222.2,	296.9,	-23.4,	-58.3,
7	12.2,	193.6,	297.9,	-14.6,	-38.3,	8	12.2,	159.0,	289.9,	-5.2,	-17.2,
9	12.2,	122.0,	277.0,	2.6,	5.7,	10	12.2,	166.4,	281.6,	-6.0,	30.6,
11	12.2,	206.9,	280.6,	-16.6,	54.0,	12	12.2,	241.2,	271.5,	-27.2,	75.8,
13	12.2,	268.1,	258.7,	-36.9,	95.3,	14	12.2,	286.8,	244.2,	-45.5,	111.8,
15	12.2,	296.9,	222.2,	-52.8,	125.0,	16	12.2,	297.9,	193.6,	-58.4,	134.4,
17	12.2,	289.9,	159.0,	-62.3,	139.7,	18	12.2,	277.0,	122.0,	-66.7,	141.1,
19	12.2,	281.6,	166.4,	-113.8,	134.8,	20	12.2,	280.6,	206.9,	-157.5,	123.7,
21	12.2,	271.5,	241.2,	-196.4,	108.6,	22	12.2,	258.7,	268.1,	-229.3,	92.4,
23	12.2,	244.2,	286.8,	-255.3,	76.5,	24	12.2,	222.2,	296.9,	-273.5,	58.3,
25	12.2,	193.6,	297.9,	-283.4,	38.3,	26	12.2,	159.0,	289.9,	-284.6,	17.2,
27	12.2,	122.0,	277.0,	-279.7,	-5.7,	28	12.2,	166.4,	281.6,	-275.6,	-30.6,
29	12.2,	206.9,	280.6,	-264.0,	-54.0,	30	12.2,	241.2,	271.5,	-244.4,	-75.8,
31	12.2,	268.1,	258.7,	-221.7,	-95.3,	32	12.2,	286.8,	244.2,	-198.6,	-111.8,
33	12.2,	296.9,	222.2,	-169.4,	-125.0,	34	12.2,	297.9,	193.6,	-135.1,	-134.4,
35	12.2,	289.9,	159.0,	-96.7,	-139.7,	36	12.2,	277.0,	122.0,	-55.3,	-141.1,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

```
 SOURCE ID = GEN          ; 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  .1000E+01   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   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
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .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
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(387507.3, 3743641.7, 10.3, 10.3, 0.0); (387507.3, 3743691.7, 10.5, 10.5, 0.0);
(387507.3, 3743741.7, 10.5, 10.5, 0.0); (387507.3, 3743791.7, 10.2, 10.2, 0.0);
(387507.3, 3743841.7, 10.6, 10.6, 0.0); (387557.3, 3743641.7, 9.9, 9.9, 0.0);
(387557.3, 3743691.7, 10.3, 10.3, 0.0); (387557.3, 3743741.7, 10.7, 10.7, 0.0);
(387557.3, 3743791.7, 10.6, 10.6, 0.0); (387557.3, 3743841.7, 10.6, 10.6, 0.0);
(387557.3, 3743891.7, 11.0, 11.0, 0.0); (387557.3, 3743941.7, 11.5, 11.5, 0.0);
(387557.3, 3743991.7, 11.3, 11.3, 0.0); (387607.3, 3743841.7, 10.1, 10.1, 0.0);
(387607.3, 3743891.7, 10.6, 10.6, 0.0); (387607.3, 3743941.7, 10.7, 10.7, 0.0);
(387607.3, 3743991.7, 10.7, 10.7, 0.0); (387607.3, 3744041.7, 11.1, 11.1, 0.0);
(387607.3, 3744091.7, 10.9, 10.9, 0.0); (387657.3, 3743841.7, 10.8, 10.8, 0.0);
(387657.3, 3743891.7, 10.7, 10.7, 0.0); (387657.3, 3743941.7, 10.3, 10.3, 0.0);
(387657.3, 3743991.7, 10.7, 10.7, 0.0); (387657.3, 3744041.7, 11.3, 11.3, 0.0);
(387657.3, 3744091.7, 11.3, 11.3, 0.0); (387657.3, 3744141.7, 10.3, 10.3, 0.0);
(387707.3, 3743841.7, 10.5, 10.5, 0.0); (387707.3, 3743891.7, 10.5, 10.5, 0.0);
(387707.3, 3743941.7, 10.3, 10.3, 0.0); (387707.3, 3743991.7, 10.7, 10.7, 0.0);
(387707.3, 3744041.7, 10.7, 10.7, 0.0); (387707.3, 3744091.7, 10.5, 10.5, 0.0);
(387707.3, 3744141.7, 10.2, 10.2, 0.0); (387757.3,

3743841.7,   10.3,   10.3,   0.0);
     (387757.3, 3743891.7,   10.1,   10.1,   0.0);   (387757.3,
3743941.7,   10.4,   10.4,   0.0);
     (387757.3, 3743991.7,   11.3,   11.3,   0.0);   (387757.3,
3744041.7,   10.7,   10.7,   0.0);
     (387757.3, 3744091.7,   10.4,   10.4,   0.0);   (387757.3,
3744141.7,   10.0,   10.0,   0.0);
     (387862.1, 3744056.0,   10.8,   10.8,   0.0);   (387862.1,
3744106.0,   10.3,   10.3,   0.0);
     (387912.1, 3744056.0,   11.2,   11.2,   0.0);   (387912.1,
3744106.0,   10.7,   10.7,   0.0);
     (387962.1, 3744056.0,   11.1,   11.1,   0.0);   (387962.1,
3744106.0,   10.9,   10.9,   0.0);
     (388012.1, 3744056.0,   10.5,   10.5,   0.0);   (388012.1,
3744106.0,   10.2,   10.2,   0.0);
     (388062.1, 3744056.0,   9.8,   9.8,   0.0);   (388062.1,
3744106.0,   9.9,   9.9,   0.0);
     (387863.3, 3744015.4,   11.0,   11.0,   0.0);   (387913.3,
3744015.4,   11.1,   11.1,   0.0);
     (387963.3, 3744015.4,   11.1,   11.1,   0.0);   (388013.3,
3744015.4,   10.7,   10.7,   0.0);
     (388063.3, 3744015.4,   9.8,   9.8,   0.0);   (387826.2,
3744056.9,   10.7,   10.7,   0.0);
     (387826.2, 3744106.9,   10.7,   10.7,   0.0);   (387827.4,
3744016.3,   10.9,   10.9,   0.0);
     (387689.5, 3743645.8,   10.3,   10.3,   0.0);   (387689.5,
3743695.8,   10.1,   10.1,   0.0);
     (387689.5, 3743745.8,   10.1,   10.1,   0.0);   (387739.5,
3743645.8,   10.7,   10.7,   0.0);
     (387739.5, 3743695.8,   10.5,   10.5,   0.0);   (387739.5,
3743745.8,   10.2,   10.2,   0.0);
     (387789.5, 3743645.8,   10.6,   10.6,   0.0);   (387789.5,
3743695.8,   10.7,   10.7,   0.0);
     (387789.5, 3743745.8,   10.2,   10.2,   0.0);   (387839.5,
3743645.8,   10.5,   10.5,   0.0);
     (387839.5, 3743695.8,   10.7,   10.7,   0.0);   (387839.5,
3743745.8,   10.1,   10.1,   0.0);
     (387889.5, 3743645.8,   10.1,   10.1,   0.0);   (387889.5,
3743695.8,   10.3,   10.3,   0.0);
     (387889.5, 3743745.8,   9.9,   9.9,   0.0);   (387939.5,
3743695.8,   9.8,   9.8,   0.0);
     (387939.5, 3743745.8,   9.7,   9.7,   0.0);   (387989.5,
3743745.8,   9.6,   18.6,   0.0);
     (387692.6, 3743778.6,   10.0,   10.0,   0.0);   (387742.6,
3743778.6,   10.1,   10.1,   0.0);
     (387792.6, 3743778.6,   10.0,   10.0,   0.0);   (387842.6,
3743778.6,   9.8,   9.8,   0.0);
     (387892.6, 3743778.6,   9.6,   9.6,   0.0);   (387942.6,
3743778.6,   9.6,   9.6,   0.0);
     (387992.6, 3743778.6,   9.6,   9.6,   0.0);   (387654.5,

3743692.5, 9.8, 9.8, 0.0);
(387654.5, 3743742.5, 9.9, 9.9, 0.0); (387705.6, 3744244.9, 10.3, 10.3, 0.0);
(387705.6, 3744294.9, 10.3, 10.3, 0.0); (387755.6, 3744244.9, 10.2, 10.2, 0.0);
(387755.6, 3744294.9, 10.3, 10.3, 0.0); (387755.6, 3744344.9, 11.0, 11.0, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(387755.6, 3744394.9, 10.8, 10.8, 0.0); (387805.6, 3744294.9, 10.0, 10.0, 0.0);
(387805.6, 3744344.9, 10.6, 10.6, 0.0); (387805.6, 3744394.9, 10.7, 10.7, 0.0);
(387805.6, 3744444.9, 10.8, 10.8, 0.0); (387805.6, 3744494.9, 10.7, 10.7, 0.0);
(387805.6, 3744544.9, 10.8, 10.8, 0.0); (387855.6, 3744444.9, 10.4, 10.4, 0.0);
(387855.6, 3744494.9, 10.5, 10.5, 0.0); (387855.6, 3744544.9, 10.4, 10.4, 0.0);
(387855.6, 3744594.9, 10.7, 10.7, 0.0); (387905.6, 3744544.9, 10.4, 10.4, 0.0);
(387905.6, 3744594.9, 10.9, 10.9, 0.0); (387905.6, 3744644.9, 11.5, 11.5, 0.0);
(387905.6, 3744694.9, 11.8, 11.8, 0.0); (387955.6, 3744644.9, 10.9, 10.9, 0.0);
(387463.3, 3744230.9, 10.5, 10.5, 0.0); (387463.3, 3744280.9, 10.3, 10.3, 0.0);
(387463.3, 3744330.9, 10.2, 10.2, 0.0); (387513.3, 3744230.9, 10.2, 10.2, 0.0);
(387513.3, 3744280.9, 10.5, 10.5, 0.0); (387513.3, 3744330.9, 10.5, 10.5, 0.0);
(387513.3, 3744380.9, 10.8, 10.8, 0.0); (387513.3, 3744430.9, 10.6, 10.6, 0.0);
(387513.3, 3744480.9, 10.0, 10.0, 0.0); (387563.3, 3744230.9, 10.4, 10.4, 0.0);
(387563.3, 3744280.9, 11.0, 11.0, 0.0); (387563.3, 3744330.9, 10.9, 10.9, 0.0);
(387563.3, 3744380.9, 10.8, 10.8, 0.0); (387563.3, 3744430.9, 10.9, 10.9, 0.0);
(387563.3, 3744480.9, 10.8, 10.8, 0.0); (387563.3,

3744530.9,   10.4,   10.4,   0.0);
     (387563.3, 3744580.9,   10.3,   10.3,   0.0);   (387563.3,
3744630.9,   10.5,   10.5,   0.0);
     (387613.3, 3744230.9,   10.6,   10.6,   0.0);   (387613.3,
3744280.9,   11.0,   11.0,   0.0);
     (387613.3, 3744330.9,   11.1,   11.1,   0.0);   (387613.3,
3744380.9,   11.1,   11.1,   0.0);
     (387613.3, 3744430.9,   10.8,   10.8,   0.0);   (387613.3,
3744480.9,   10.4,   10.4,   0.0);
     (387613.3, 3744530.9,   10.3,   10.3,   0.0);   (387613.3,
3744580.9,   10.4,   10.4,   0.0);
     (387613.3, 3744630.9,   10.6,   10.6,   0.0);   (387613.3,
3744680.9,   10.6,   10.6,   0.0);
     (387663.3, 3744330.9,   11.0,   11.0,   0.0);   (387663.3,
3744380.9,   11.0,   11.0,   0.0);
     (387663.3, 3744430.9,   10.8,   10.8,   0.0);   (387663.3,
3744480.9,   10.0,   10.0,   0.0);
     (387663.3, 3744530.9,   10.0,   10.0,   0.0);   (387663.3,
3744580.9,   10.2,   10.2,   0.0);
     (387663.3, 3744630.9,   10.3,   10.3,   0.0);   (387663.3,
3744680.9,   10.5,   10.5,   0.0);
     (387713.3, 3744480.9,   10.1,   10.1,   0.0);   (387713.3,
3744530.9,   10.0,   10.0,   0.0);
     (387713.3, 3744580.9,   10.3,   10.3,   0.0);   (387713.3,
3744630.9,   10.6,   10.6,   0.0);
     (387713.3, 3744680.9,   10.6,   10.6,   0.0);   (387763.3,
3744580.9,   10.9,   10.9,   0.0);
     (387763.3, 3744630.9,   10.9,   10.9,   0.0);   (387763.3,
3744680.9,   11.0,   11.0,   0.0);
     (387813.3, 3744680.9,   11.5,   11.5,   0.0);   (387465.0,
3744212.8,   10.2,   10.2,   0.0);
     (387515.0, 3744212.8,   10.1,   10.1,   0.0);   (387565.0,
3744212.8,   10.3,   10.3,   0.0);
     (387615.0, 3744212.8,   10.6,   10.6,   0.0);   (387436.0,
3744192.1,   9.8,   9.8,   0.0);
     (386969.0, 3743502.2,   8.8,   13.2,   0.0);   (386969.0,
3743552.2,   8.6,   8.6,   0.0);
     (386969.0, 3743602.2,   8.4,   8.4,   0.0);   (386969.0,
3743652.2,   8.3,   8.3,   0.0);
     (386969.0, 3743702.2,   8.4,   8.4,   0.0);   (386969.0,
3743752.2,   8.4,   8.4,   0.0);
     (386969.0, 3743802.2,   8.5,   8.5,   0.0);   (386969.0,
3743852.2,   8.6,   8.6,   0.0);
     (386969.0, 3743902.2,   8.7,   8.7,   0.0);   (386969.0,
3743952.2,   8.8,   8.8,   0.0);
     (386969.0, 3744002.2,   8.9,   8.9,   0.0);   (386969.0,
3744052.2,   9.0,   9.0,   0.0);
     (386969.0, 3744102.2,   9.2,   9.2,   0.0);   (386969.0,
3744152.2,   9.3,   9.3,   0.0);
     (387019.0, 3743502.2,   8.8,   14.0,   0.0);   (387019.0,

3743552.2,   8.8,   8.8,   0.0);
     (387019.0, 3743602.2,   8.6,   8.6,   0.0);   (387019.0,
3743652.2,   8.6,   8.6,   0.0);
     (387019.0, 3743702.2,   8.8,   8.8,   0.0);   (387019.0,
3743752.2,   8.6,   8.6,   0.0);
     (387019.0, 3743802.2,   8.7,   8.7,   0.0);   (387019.0,
3743852.2,   8.7,   8.7,   0.0);
     (387019.0, 3743902.2,   8.9,   8.9,   0.0);   (387019.0,
3743952.2,   9.1,   9.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     (387019.0, 3744002.2,   9.0,   9.0,   0.0);   (387019.0,
3744052.2,   9.1,   9.1,   0.0);
     (387019.0, 3744102.2,   9.2,   9.2,   0.0);   (387019.0,
3744152.2,   9.4,   9.4,   0.0);
     (387069.0, 3743502.2,   8.9,   15.9,   0.0);   (387069.0,
3743552.2,   8.7,   8.7,   0.0);
     (387069.0, 3743602.2,   8.6,   8.6,   0.0);   (387069.0,
3743652.2,   8.7,   8.7,   0.0);
     (387069.0, 3743702.2,   8.7,   8.7,   0.0);   (387069.0,
3743752.2,   8.6,   8.6,   0.0);
     (387069.0, 3743802.2,   8.7,   8.7,   0.0);   (387069.0,
3743852.2,   8.7,   8.7,   0.0);
     (387069.0, 3743902.2,   8.9,   8.9,   0.0);   (387069.0,
3743952.2,   9.1,   9.1,   0.0);
     (387069.0, 3744002.2,   9.1,   9.1,   0.0);   (387069.0,
3744052.2,   9.1,   9.1,   0.0);
     (387069.0, 3744102.2,   9.2,   9.2,   0.0);   (387069.0,
3744152.2,   9.3,   9.3,   0.0);
     (387119.0, 3743502.2,   9.7,   16.6,   0.0);   (387119.0,
3743552.2,   9.0,   9.0,   0.0);
     (387119.0, 3743602.2,   8.7,   8.7,   0.0);   (387119.0,
3743652.2,   8.9,   8.9,   0.0);
     (387119.0, 3743702.2,   8.8,   8.8,   0.0);   (387119.0,
3743752.2,   8.7,   8.7,   0.0);
     (387119.0, 3743802.2,   8.7,   8.7,   0.0);   (387119.0,
3743852.2,   8.7,   8.7,   0.0);
     (387119.0, 3743902.2,   8.9,   8.9,   0.0);   (387119.0,
3743952.2,   9.1,   9.1,   0.0);
     (387119.0, 3744002.2,   9.1,   9.1,   0.0);   (387119.0,

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3744052.2,       9.2,       9.2,       0.0);
     ( 387119.0, 3744102.2,       9.2,       9.2,       0.0);         ( 387119.0,
3744152.2,       9.4,       9.4,       0.0);
     ( 387169.0, 3743502.2,       9.7,      17.3,       0.0);         ( 387169.0,
3743552.2,       8.9,       8.9,       0.0);
     ( 387169.0, 3743602.2,       8.9,       8.9,       0.0);         ( 387169.0,
3743652.2,       8.9,       8.9,       0.0);
     ( 387169.0, 3743702.2,       8.8,       8.8,       0.0);         ( 387169.0,
3743752.2,       8.7,       8.7,       0.0);
     ( 387169.0, 3743802.2,       8.8,       8.8,       0.0);         ( 387169.0,
3743852.2,       8.7,       8.7,       0.0);
     ( 387169.0, 3743902.2,       8.9,       8.9,       0.0);         ( 387169.0,
3743952.2,       9.1,       9.1,       0.0);
     ( 387169.0, 3744002.2,       9.1,       9.1,       0.0);         ( 387169.0,
3744052.2,       9.2,       9.2,       0.0);
     ( 387169.0, 3744102.2,       9.4,       9.4,       0.0);         ( 387169.0,
3744152.2,       9.5,       9.5,       0.0);
     ( 387219.0, 3743502.2,       9.7,      18.1,       0.0);         ( 387219.0,
3743552.2,       8.7,       8.7,       0.0);
     ( 387219.0, 3743602.2,       9.0,       9.0,       0.0);         ( 387219.0,
3743652.2,       8.9,       8.9,       0.0);
     ( 387219.0, 3743702.2,       8.8,       8.8,       0.0);         ( 387219.0,
3743752.2,       8.7,       8.7,       0.0);
     ( 387219.0, 3743802.2,       8.8,       8.8,       0.0);         ( 387219.0,
3743852.2,       8.8,       8.8,       0.0);
     ( 387219.0, 3743902.2,       8.9,       8.9,       0.0);         ( 387219.0,
3743952.2,       9.1,       9.1,       0.0);
     ( 387219.0, 3744002.2,       9.2,       9.2,       0.0);         ( 387219.0,
3744052.2,       9.2,       9.2,       0.0);
     ( 387219.0, 3744102.2,       9.5,       9.5,       0.0);         ( 387219.0,
3744152.2,       9.5,       9.5,       0.0);
     ( 387269.0, 3743502.2,       9.7,      18.1,       0.0);         ( 387269.0,
3743552.2,       8.3,       8.3,       0.0);
     ( 387269.0, 3743602.2,       8.7,       8.7,       0.0);         ( 387269.0,
3743652.2,       8.8,       8.8,       0.0);
     ( 387269.0, 3743702.2,       8.8,       8.8,       0.0);         ( 387269.0,
3743752.2,       8.8,       8.8,       0.0);
     ( 387269.0, 3743802.2,       8.8,       8.8,       0.0);         ( 387269.0,
3743852.2,       8.8,       8.8,       0.0);
     ( 387269.0, 3743902.2,       8.9,       8.9,       0.0);         ( 387269.0,
3743952.2,       9.1,       9.1,       0.0);
     ( 387269.0, 3744002.2,       9.2,       9.2,       0.0);         ( 387269.0,
3744052.2,       9.3,       9.3,       0.0);
     ( 387269.0, 3744102.2,       9.5,       9.5,       0.0);         ( 387269.0,
3744152.2,       9.5,       9.5,       0.0);
     ( 387319.0, 3743552.2,       8.9,       8.9,       0.0);         ( 387319.0,
3743602.2,       8.6,       8.6,       0.0);
     ( 387319.0, 3743652.2,       8.4,       8.4,       0.0);         ( 387319.0,
3743702.2,       8.7,       8.7,       0.0);
     ( 387319.0, 3743752.2,       8.9,       8.9,       0.0);         ( 387319.0,
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3743802.2,   8.9,   8.9,   0.0);
     (387319.0, 3743852.2,   8.8,   8.8,   0.0);   (387319.0,
3743902.2,   8.9,   8.9,   0.0);
     (387319.0, 3743952.2,   9.0,   9.0,   0.0);   (387319.0,
3744002.2,   9.2,   9.2,   0.0);
     (387319.0, 3744052.2,   9.4,   9.4,   0.0);   (387319.0,
3744102.2,   9.6,   9.6,   0.0);
     (387319.0, 3744152.2,   9.7,   9.7,   0.0);   (387369.0,
3743652.2,   9.2,   9.2,   0.0);
     (387369.0, 3743702.2,   8.9,   8.9,   0.0);   (387369.0,
3743752.2,   9.0,   9.0,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (387369.0, 3743802.2,   9.0,   9.0,   0.0);   (387369.0,
3743852.2,   8.8,   8.8,   0.0);
     (387369.0, 3743902.2,   8.9,   8.9,   0.0);   (387369.0,
3743952.2,   9.0,   9.0,   0.0);
     (387369.0, 3744002.2,   9.1,   9.1,   0.0);   (387357.3,
3743511.8,   9.8,   18.5,   0.0);
     (387407.3, 3743561.8,   8.9,   8.9,   0.0);   (387407.3,
3743611.8,   9.0,   9.0,   0.0);
     (387453.9, 3743868.5,   9.2,   9.2,   0.0);   (387453.9,
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     (387503.9, 3744018.5,   9.1,   9.1,   0.0);   (387503.9,
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     (387503.9, 3744118.5,   9.2,   9.2,   0.0);   (387553.9,
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     (387553.9, 3744118.5,   9.7,   9.7,   0.0);   (387015.3,
3744263.5,   9.3,   9.3,   0.0);
     (387015.3, 3744313.5,   9.3,   9.3,   0.0);   (387015.3,
3744363.5,   9.5,   9.5,   0.0);
     (387015.3, 3744413.5,   9.5,   9.5,   0.0);   (387015.3,
3744463.5,   9.6,   9.6,   0.0);
     (387015.3, 3744513.5,   9.6,   9.6,   0.0);   (387015.3,
3744563.5,   9.7,   9.7,   0.0);
     (387015.3, 3744613.5,   9.6,   9.6,   0.0);   (387015.3,

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     ( 387015.3, 3744813.5,       9.9,       9.9,       0.0);         ( 387015.3,
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     ( 387065.3, 3744363.5,       9.5,       9.5,       0.0);         ( 387065.3,
3744413.5,       9.5,       9.5,       0.0);
     ( 387065.3, 3744463.5,       9.7,       9.7,       0.0);         ( 387065.3,
3744513.5,       9.6,       9.6,       0.0);
     ( 387065.3, 3744563.5,       9.7,       9.7,       0.0);         ( 387065.3,
3744613.5,       9.7,       9.7,       0.0);
     ( 387065.3, 3744663.5,       9.7,       9.7,       0.0);         ( 387065.3,
3744713.5,       9.8,       9.8,       0.0);
     ( 387065.3, 3744763.5,       9.9,       9.9,       0.0);         ( 387065.3,
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     ( 387065.3, 3744863.5,      10.1,      10.1,       0.0);         ( 387115.3,
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     ( 387115.3, 3744313.5,       9.5,       9.5,       0.0);         ( 387115.3,
3744363.5,       9.5,       9.5,       0.0);
     ( 387115.3, 3744413.5,       9.5,       9.5,       0.0);         ( 387115.3,
3744463.5,       9.6,       9.6,       0.0);
     ( 387115.3, 3744513.5,       9.7,       9.7,       0.0);         ( 387115.3,
3744563.5,       9.7,       9.7,       0.0);
     ( 387115.3, 3744613.5,       9.8,       9.8,       0.0);         ( 387115.3,
3744663.5,       9.8,       9.8,       0.0);
     ( 387115.3, 3744713.5,       9.9,       9.9,       0.0);         ( 387115.3,
3744763.5,       9.9,       9.9,       0.0);
     ( 387115.3, 3744813.5,       9.9,       9.9,       0.0);         ( 387115.3,
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3744313.5,       9.5,       9.5,       0.0);
     ( 387165.3, 3744363.5,       9.5,       9.5,       0.0);         ( 387165.3,
3744413.5,       9.5,       9.5,       0.0);
     ( 387165.3, 3744463.5,       9.6,       9.6,       0.0);         ( 387165.3,
3744513.5,       9.7,       9.7,       0.0);
     ( 387165.3, 3744563.5,       9.8,       9.8,       0.0);         ( 387165.3,
3744613.5,       9.9,       9.9,       0.0);
     ( 387165.3, 3744663.5,       9.9,       9.9,       0.0);         ( 387165.3,
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     ( 387165.3, 3744763.5,      10.0,      10.0,       0.0);         ( 387165.3,
3744813.5,      10.0,      10.0,       0.0);
     ( 387165.3, 3744863.5,      10.1,      10.1,       0.0);         ( 387215.3,
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     ( 387215.3, 3744313.5,       9.6,       9.6,       0.0);         ( 387215.3,
3744363.5,       9.6,       9.6,       0.0);
     ( 387215.3, 3744413.5,       9.6,       9.6,       0.0);         ( 387215.3,
3744463.5,       9.6,       9.6,       0.0);
     ( 387215.3, 3744513.5,       9.6,       9.6,       0.0);         ( 387215.3,
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(387265.3, 3744363.5, 9.6, 9.6, 0.0); (387265.3, 3744413.5, 9.6, 9.6, 0.0);
(387265.3, 3744463.5, 9.7, 9.7, 0.0); (387265.3, 3744513.5, 9.7, 9.7, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(387265.3, 3744563.5, 9.7, 9.7, 0.0); (387265.3, 3744613.5, 9.8, 9.8, 0.0);
(387265.3, 3744663.5, 9.8, 9.8, 0.0); (387265.3, 3744713.5, 9.9, 9.9, 0.0);
(387265.3, 3744763.5, 9.9, 9.9, 0.0); (387265.3, 3744813.5, 9.9, 9.9, 0.0);
(387265.3, 3744863.5, 10.0, 10.0, 0.0); (387315.3, 3744263.5, 9.6, 9.6, 0.0);
(387315.3, 3744313.5, 9.6, 9.6, 0.0); (387315.3, 3744363.5, 9.7, 9.7, 0.0);
(387315.3, 3744413.5, 9.7, 9.7, 0.0); (387315.3, 3744463.5, 9.7, 9.7, 0.0);
(387315.3, 3744513.5, 9.8, 9.8, 0.0); (387315.3, 3744563.5, 9.8, 9.8, 0.0);
(387315.3, 3744613.5, 9.9, 9.9, 0.0); (387315.3, 3744663.5, 9.9, 9.9, 0.0);
(387315.3, 3744713.5, 10.1, 10.1, 0.0); (387315.3, 3744763.5, 10.1, 10.1, 0.0);
(387315.3, 3744813.5, 10.1, 10.1, 0.0); (387315.3, 3744863.5, 10.2, 10.2, 0.0);
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(387365.3, 3744363.5, 9.8, 9.8, 0.0); (387365.3, 3744413.5, 9.7, 9.7, 0.0);
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3744713.5,      10.1,      10.1,       0.0);
     ( 387365.3, 3744763.5,      10.1,      10.1,       0.0);         ( 387365.3,
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     ( 387415.3, 3744363.5,       9.8,       9.8,       0.0);         ( 387415.3,
3744413.5,       9.8,       9.8,       0.0);
     ( 387415.3, 3744463.5,       9.9,       9.9,       0.0);         ( 387415.3,
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     ( 387415.3, 3744663.5,      10.1,      10.1,       0.0);         ( 387415.3,
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     ( 387415.3, 3744763.5,      10.2,      10.2,       0.0);         ( 387415.3,
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     ( 387465.3, 3744663.5,      10.1,      10.1,       0.0);         ( 387465.3,
3744713.5,      10.3,      10.3,       0.0);
     ( 387465.3, 3744763.5,      10.3,      10.3,       0.0);         ( 387465.3,
3744813.5,      10.3,      10.3,       0.0);
     ( 387465.3, 3744863.5,      10.5,      10.5,       0.0);         ( 387515.3,
3744663.5,      10.1,      10.1,       0.0);
     ( 387515.3, 3744713.5,      10.3,      10.3,       0.0);         ( 387515.3,
3744763.5,      10.3,      10.3,       0.0);
     ( 387515.3, 3744813.5,      10.4,      10.4,       0.0);         ( 387515.3,
3744863.5,      10.5,      10.5,       0.0);
     ( 387565.3, 3744813.5,      10.4,      10.4,       0.0);         ( 387565.3,
3744863.5,      10.6,      10.6,       0.0);
     ( 387524.4, 3742913.4,       8.6,       8.6,       0.0);         ( 387574.4,
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     ( 387574.4, 3743013.4,       8.7,       8.7,       0.0);         ( 387624.4,
3742963.4,       8.8,       8.8,       0.0);
     ( 387624.4, 3743013.4,       8.9,       8.9,       0.0);         ( 387624.4,
3743063.4,       8.8,       8.8,       0.0);
     ( 387674.4, 3742963.4,       8.7,       8.7,       0.0);         ( 387674.4,
3743013.4,       8.8,       8.8,       0.0);
     ( 387674.4, 3743063.4,       8.9,       8.9,       0.0);         ( 387674.4,
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     ( 387724.4, 3742963.4,       8.8,       8.8,       0.0);         ( 387724.4,
3743013.4,       8.8,       8.8,       0.0);
     ( 387724.4, 3743063.4,       9.0,       9.0,       0.0);         ( 387724.4,
3743113.4,       9.0,       9.0,       0.0);
     ( 387774.4, 3742963.4,       8.8,       8.8,       0.0);         ( 387774.4,
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     (387774.4, 3743063.4,   9.0,   9.0,   0.0);   (387774.4,
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     (387774.4, 3743163.4,   9.0,   9.0,   0.0);   (387824.4,
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     (387824.4, 3743013.4,   8.9,   8.9,   0.0);   (387824.4,
3743063.4,   9.0,   9.0,   0.0);
     (387824.4, 3743113.4,   9.1,   9.1,   0.0);   (387824.4,
3743163.4,   9.1,   9.1,   0.0);
     (387824.4, 3743213.4,   9.1,   9.1,   0.0);   (387874.4,
3742963.4,   8.9,   8.9,   0.0);
     (387874.4, 3743013.4,   8.9,   8.9,   0.0);   (387874.4,
3743063.4,   9.0,   9.0,   0.0);
     (387874.4, 3743113.4,   9.0,   9.0,   0.0);   (387874.4,
3743163.4,   9.0,   9.0,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (387874.4, 3743213.4,   9.2,   9.2,   0.0);   (387874.4,
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     (387924.4, 3742963.4,   8.8,   8.8,   0.0);   (387924.4,
3743013.4,   8.8,   8.8,   0.0);
     (387924.4, 3743063.4,   8.9,   8.9,   0.0);   (387924.4,
3743113.4,   8.9,   8.9,   0.0);
     (387924.4, 3743163.4,   8.9,   8.9,   0.0);   (387924.4,
3743213.4,   9.0,   9.0,   0.0);
     (387924.4, 3743263.4,   9.1,   9.1,   0.0);   (387924.4,
3743313.4,   9.3,   9.3,   0.0);
     (387974.4, 3742963.4,   8.8,   8.8,   0.0);   (387974.4,
3743013.4,   8.9,   8.9,   0.0);
     (387974.4, 3743063.4,   8.9,   8.9,   0.0);   (387974.4,
3743113.4,   9.0,   9.0,   0.0);
     (387974.4, 3743163.4,   9.0,   9.0,   0.0);   (387974.4,
3743213.4,   9.1,   9.1,   0.0);
     (387974.4, 3743263.4,   9.2,   9.2,   0.0);   (387974.4,
3743313.4,   9.3,   9.3,   0.0);
     (387974.4, 3743363.4,   9.5,   9.5,   0.0);   (388024.4,
3742963.4,   9.0,   9.0,   0.0);
     (388024.4, 3743013.4,   9.0,   9.0,   0.0);   (388024.4,
3743063.4,   9.1,   9.1,   0.0);
     (388024.4, 3743113.4,   8.9,   8.9,   0.0);   (388024.4,

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     ( 388024.4, 3743313.4,       9.5,       9.5,       0.0);         ( 388024.4,
3743363.4,       9.5,       9.5,       0.0);
     ( 388024.4, 3743413.4,       9.6,       9.6,       0.0);         ( 388074.4,
3742963.4,       8.9,       8.9,       0.0);
     ( 388074.4, 3743013.4,       9.0,       9.0,       0.0);         ( 388074.4,
3743063.4,       8.9,       8.9,       0.0);
     ( 388074.4, 3743113.4,       8.9,       8.9,       0.0);         ( 388074.4,
3743163.4,       9.3,       9.3,       0.0);
     ( 388074.4, 3743213.4,       9.4,       9.4,       0.0);         ( 388074.4,
3743263.4,       9.4,       9.4,       0.0);
     ( 388074.4, 3743313.4,       9.5,       9.5,       0.0);         ( 388074.4,
3743363.4,       9.8,       9.8,       0.0);
     ( 388074.4, 3743413.4,       9.7,       9.7,       0.0);         ( 388074.4,
3743463.4,      10.0,      10.0,       0.0);
     ( 388124.4, 3742963.4,       8.9,       8.9,       0.0);         ( 388124.4,
3743013.4,       8.9,       8.9,       0.0);
     ( 388124.4, 3743063.4,       8.8,       8.8,       0.0);         ( 388124.4,
3743113.4,       9.6,       9.6,       0.0);
     ( 388124.4, 3743163.4,       9.6,       9.6,       0.0);         ( 388124.4,
3743213.4,       9.4,       9.4,       0.0);
     ( 388124.4, 3743263.4,       9.6,       9.6,       0.0);         ( 388124.4,
3743313.4,       9.8,       9.8,       0.0);
     ( 388124.4, 3743363.4,       9.6,       9.6,       0.0);         ( 388124.4,
3743413.4,       9.8,       9.8,       0.0);
     ( 388174.4, 3742963.4,       9.2,       9.2,       0.0);         ( 388174.4,
3743013.4,       9.9,       9.9,       0.0);
     ( 388174.4, 3743063.4,       9.7,       9.7,       0.0);         ( 388174.4,
3743113.4,      10.8,      10.8,       0.0);
     ( 388174.4, 3743163.4,       9.4,       9.4,       0.0);         ( 388174.4,
3743213.4,       9.4,       9.4,       0.0);
     ( 388174.4, 3743263.4,       9.7,       9.7,       0.0);         ( 388174.4,
3743313.4,       9.7,       9.7,       0.0);
     ( 388174.4, 3743363.4,       9.9,       9.9,       0.0);         ( 388174.4,
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     ( 388224.4, 3742963.4,       9.7,       9.7,       0.0);         ( 388224.4,
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     ( 388224.4, 3743063.4,      13.1,      13.1,       0.0);         ( 388224.4,
3743113.4,       9.7,       9.7,       0.0);
     ( 388224.4, 3743163.4,       9.2,       9.2,       0.0);         ( 388224.4,
3743213.4,       9.5,       9.5,       0.0);
     ( 388224.4, 3743263.4,       9.9,       9.9,       0.0);         ( 388224.4,
3743313.4,      10.2,      12.6,       0.0);
     ( 388224.4, 3743363.4,       9.9,       9.9,       0.0);         ( 388274.4,
3742963.4,       9.2,       9.2,       0.0);
     ( 388274.4, 3743013.4,      10.0,      10.0,       0.0);         ( 387475.7,
3743311.0,       9.1,       9.1,       0.0);
     ( 387490.7, 3743311.0,       8.9,       8.9,       0.0);         ( 387451.1,
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3743316.2,       8.9,       8.9,       0.0);
     ( 387379.9, 3743317.1,       8.8,       8.8,       0.0);         ( 387399.9,
3743317.1,       8.8,       8.8,       0.0);
     ( 387419.9, 3743317.1,       8.8,       8.8,       0.0);         ( 387439.9,
3743317.1,       8.8,       8.8,       0.0);
     ( 387019.2, 3742972.3,       8.1,       8.1,       0.0);         ( 387019.2,
3743022.3,       8.0,       8.0,       0.0);
     ( 387019.2, 3743072.3,       7.8,       7.8,       0.0);         ( 387019.2,
3743122.3,       8.1,       8.1,       0.0);
     ( 387019.2, 3743172.3,       8.0,       8.0,       0.0);         ( 387019.2,
3743222.3,       8.2,       8.2,       0.0);
     ( 387019.2, 3743272.3,       8.1,       8.1,       0.0);         ( 387019.2,
3743322.3,       7.9,       7.9,       0.0);
     ( 387069.2, 3742972.3,       8.5,       8.5,       0.0);         ( 387069.2,
3743022.3,       8.2,       8.2,       0.0);
     ( 387069.2, 3743072.3,       8.0,       8.0,       0.0);         ( 387069.2,
3743122.3,       8.1,       8.1,       0.0);
♠ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 387069.2, 3743172.3,       8.1,       8.1,       0.0);         ( 387069.2,
3743222.3,       8.3,       8.3,       0.0);
     ( 387069.2, 3743272.3,       8.2,       8.2,       0.0);         ( 387069.2,
3743322.3,       8.2,       8.2,       0.0);
     ( 387119.2, 3742972.3,       8.3,       8.3,       0.0);         ( 387119.2,
3743022.3,       8.7,       8.7,       0.0);
     ( 387119.2, 3743072.3,       8.4,       8.4,       0.0);         ( 387119.2,
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     ( 387119.2, 3743172.3,       8.1,       8.1,       0.0);         ( 387119.2,
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     ( 387169.2, 3742972.3,       8.3,       8.3,       0.0);         ( 387169.2,
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3743122.3,       8.6,       8.6,       0.0);
     ( 387169.2, 3743172.3,       8.4,       8.4,       0.0);         ( 387169.2,
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     ( 387169.2, 3743272.3,       8.4,       8.4,       0.0);         ( 387169.2,
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     ( 387219.2, 3742972.3,       8.4,       8.4,       0.0);         ( 387219.2,
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     ( 387369.2, 3743172.3,       8.6,       8.6,       0.0);         ( 387369.2,
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     (388754.5, 3744039.2, 19.5, 24.0, 0.0); (388754.5,
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     (388754.5, 3744139.2, 10.9, 27.8, 0.0); (388754.5,
3744189.2, 10.9, 28.2, 0.0);
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     (388804.5, 3744189.2, 11.2, 31.9, 0.0); (388804.5,
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3743889.2, 24.0, 24.0, 0.0);
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3743989.2, 25.0, 25.0, 0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (388854.5, 3744039.2, 25.2, 25.2, 0.0); (388854.5,
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     (388854.5, 3744139.2, 17.7, 30.4, 0.0); (388854.5,
3744189.2, 11.7, 32.3, 0.0);
     (388854.5, 3744239.2, 11.5, 32.3, 0.0); (388854.5,
3744289.2, 11.3, 32.3, 0.0);
     (388854.5, 3744339.2, 10.9, 32.3, 0.0); (388904.5,
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     (388904.5, 3743939.2, 25.3, 25.3, 0.0); (388904.5,
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     (388904.5, 3744039.2, 25.9, 25.9, 0.0); (388904.5,
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     (388904.5, 3744139.2, 26.2, 26.2, 0.0); (388904.5,
3744189.2, 21.3, 31.6, 0.0);
     (388904.5, 3744239.2, 17.4, 32.3, 0.0); (388904.5,
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     (388904.5, 3744339.2, 11.1, 32.3, 0.0); (388904.5,
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     (388904.5, 3744439.2, 10.7, 32.3, 0.0); (388954.5,

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     ( 388954.5, 3743989.2,      26.7,      26.7,       0.0);         ( 388954.5,
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     ( 388954.5, 3744089.2,      27.8,      27.8,       0.0);         ( 388954.5,
3744139.2,      28.3,      28.3,       0.0);
     ( 388882.8, 3743722.0,      22.8,      22.8,       0.0);         ( 388882.8,
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     ( 388932.8, 3743722.0,      24.3,      24.3,       0.0);         ( 388932.8,
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     ( 388932.8, 3743822.0,      25.0,      25.0,       0.0);         ( 387765.0,
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     ( 387865.0, 3743382.8,       9.7,       9.7,       0.0);         ( 387865.0,
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     ( 387915.0, 3743382.8,       9.9,       9.9,       0.0);         ( 387915.0,
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     ( 388242.5, 3744319.3,      11.6,      11.6,       0.0);         ( 388242.5,
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     ( 388780.4, 3743115.3,      18.0,      18.0,       0.0);         ( 388780.4,
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     ( 388830.4, 3743015.3,      19.2,      19.2,       0.0);         ( 388830.4,
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     ( 388880.4, 3743165.3,      19.6,      19.6,       0.0);         ( 388930.4,
3742965.3,      20.4,      20.4,       0.0);
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                           ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                           ***        14:51:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 388930.4, 3743015.3,      20.1,      20.1,       0.0);         ( 388930.4,
3743065.3,      20.2,      20.2,       0.0);
     ( 388930.4, 3743115.3,      20.3,      20.3,       0.0);         ( 388930.4,
3743165.3,      20.1,      20.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                           ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                           ***        14:51:24

                                    PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  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
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1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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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,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: METDAT~1\KLGB_V~1.SFC
Met Version: 22112
Profile file: METDAT~1\KLGB_V~1.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23129 Upper air station no.: 3190
Name: KLGB Name: UNKNOWN

Year: 2015 Year: 2015

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
15	01	01	1	01	-5.1	0.092	-9.000	-9.000	-999.	67.	13.8	0.10	2.80	1.00	1.11	68.	7.9	278.1	2.0
15	01	01	1	02	-3.0	0.069	-9.000	-9.000	-999.	43.	10.0	0.04	2.80	1.00	0.97	292.	7.9	277.0	2.0
15	01	01	1	03	-6.3	0.106	-9.000	-9.000	-999.	83.	17.1	0.26	2.80	1.00	0.96	36.	7.9	277.0	2.0
15	01	01	1	04	-3.6	0.074	-9.000	-9.000	-999.	48.	10.1	0.03	2.80	1.00	1.14	327.	7.9	277.0	2.0
15	01	01	1	05	-5.3	0.089	-9.000	-9.000	-999.	63.	11.9	0.03	2.80	1.00	1.40	336.	7.9	275.9	2.0
15	01	01	1	06	-2.4	0.063	-9.000	-9.000	-999.	38.	9.2	0.03	2.80	1.00	0.91	331.	7.9	275.9	2.0
15	01	01	1	07	-5.5	0.091	-9.000	-9.000	-999.	66.	12.2	0.03	2.80	1.00	1.43	334.	7.9	275.9	2.0
15	01	01	1	08	-8.0	0.128	-9.000	-9.000	-999.	110.	23.9	0.32	2.80	0.54	1.06	19.	7.9	277.0	2.0
15	01	01	1	09	35.4	0.235	0.419	0.005	75.	273.	-33.3	0.26	2.80	0.31	1.72	34.	7.9	280.3	2.0
15	01	01	1	10	107.7	0.338	0.964	0.005	303.	472.	-32.7	0.26	2.80	0.24	2.47	49.	7.9	283.1	2.0
15	01	01	1	11	158.7	0.344	1.624	0.005	984.	483.	-23.3	0.10	2.80	0.21	3.22	69.	7.9	285.9	2.0
15	01	01	1	12	183.1	0.240	1.811	0.005	1180.	288.	-6.9	0.10	2.80	0.20	1.94	65.	7.9	285.9	2.0
15	01	01	1	13	182.2	0.203	1.892	0.005	1353.	220.	-4.2	0.10	2.80	0.20	1.52	64.	7.9	287.5	2.0
15	01	01	1	14	154.0	0.343	1.832	0.005	1453.	482.	-23.7	0.22	2.80	0.21	2.55	199.	7.9	287.0	2.0
15	01	01	1	15	101.0	0.367	1.614	0.005	1515.	534.	-44.6	0.37	2.80	0.24	2.45	212.	7.9	287.0	2.0
15	01	01	1	16	27.2	0.330	1.046	0.005	1530.	455.	-119.6	0.22	2.80	0.33	2.78	202.	7.9	286.4	2.0
15	01	01	1	17	-29.6	0.335	-9.000	-9.000	-999.	465.	123.4	0.37	2.80	0.60	2.45	214.	7.9	285.9	2.0
15	01	01	1	18	-27.0	0.271	-9.000	-9.000	-999.	340.	80.6	0.40	2.80	1.00	1.94	245.	7.9	285.3	2.0
15	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.18	2.80	1.00	0.00	0.	7.9	284.2	2.0
15	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.18	2.80	1.00	0.00	0.	7.9	282.0	2.0
15	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.18	2.80	1.00	0.00	0.	7.9	281.4	2.0
15	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.18	2.80	1.00	0.00	0.	7.9	280.9	2.0
15	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.18	2.80

```
1.00    0.00    0.    7.9  280.3    2.0
 15 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.18   2.80
1.00    0.00    0.    7.9  279.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 15 01 01 01    7.9 1   68.    1.11   278.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                           ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                           ***        14:51:24

                                      PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                   *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN       ***
                                   INCLUDING SOURCE(S):     GEN         ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         387507.26    3743641.71        0.00277                      387507.26
3743691.71        0.00307
         387507.26    3743741.71        0.00347                      387507.26
3743791.71        0.00385
         387507.26    3743841.71        0.00392                      387557.26
3743641.71        0.00325
         387557.26    3743691.71        0.00357                      387557.26
3743741.71        0.00397
         387557.26    3743791.71        0.00449                      387557.26
3743841.71        0.00471
         387557.26    3743891.71        0.00441                      387557.26
3743941.71        0.00416
         387557.26    3743991.71        0.00409                      387607.26
3743841.71        0.00567
         387607.26    3743891.71        0.00536                      387607.26
3743941.71        0.00511
         387607.26    3743991.71        0.00531                      387607.26
3744041.71        0.00589
```

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         387607.26    3744091.71        0.00651                    387657.26
3743841.71        0.00680
         387657.26    3743891.71        0.00651                    387657.26
3743941.71        0.00637
         387657.26    3743991.71        0.00743                    387657.26
3744041.71        0.00903
         387657.26    3744091.71        0.01009                    387657.26
3744141.71        0.01031
         387707.26    3743841.71        0.00780                    387707.26
3743891.71        0.00769
         387707.26    3743941.71        0.00838                    387707.26
3743991.71        0.01219
         387707.26    3744041.71        0.01559                    387707.26
3744091.71        0.01644
         387707.26    3744141.71        0.01540                    387757.26
3743841.71        0.00879
         387757.26    3743891.71        0.00839                    387757.26
3743941.71        0.01564
         387757.26    3743991.71        0.02563                    387757.26
3744041.71        0.02858
         387757.26    3744091.71        0.02580                    387757.26
3744141.71        0.02156
         387862.10    3744056.02        0.04852                    387862.10
3744106.02        0.03388
         387912.10    3744056.02        0.03452                    387912.10
3744106.02        0.03040
         387962.10    3744056.02        0.02625                    387962.10
3744106.02        0.02196
         388012.10    3744056.02        0.01712                    388012.10
3744106.02        0.01499
         388062.10    3744056.02        0.01074                    388062.10
3744106.02        0.00940
         387863.31    3744015.45        0.05281                    387913.31
3744015.45        0.02914
         387963.31    3744015.45        0.02016                    388013.31
3744015.45        0.01437
         388063.31    3744015.45        0.00960                    387826.23
3744056.86        0.04531
         387826.23    3744106.86        0.03356                    387827.44
3744016.29        0.05824
         387689.52    3743645.82        0.00541                    387689.52
3743695.82        0.00616
         387689.52    3743745.82        0.00667                    387739.52
3743645.82        0.00633
         387739.52    3743695.82        0.00762                    387739.52
3743745.82        0.00856
         387789.52    3743645.82        0.00715                    387789.52
3743695.82        0.00904
         387789.52    3743745.82        0.01078                    387839.52
3743645.82        0.00863
```

```
         387839.52    3743695.82        0.01169                       387839.52
3743745.82        0.01618
         387889.52    3743645.82        0.01101                       387889.52
3743695.82        0.01631
         387889.52    3743745.82        0.02129                       387939.52
3743695.82        0.02023
         387939.52    3743745.82        0.02045                       387989.52
3743745.82        0.01765
         387692.61    3743778.61        0.00689                       387742.61
3743778.61        0.00876
         387792.61    3743778.61        0.01124                       387842.61
3743778.61        0.02021
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***    ***
                          ***       14:51:24

                                    PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN        ***
                                    INCLUDING SOURCE(S):     GEN         ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         387892.61    3743778.61        0.01544                       387942.61
3743778.61        0.01760
         387992.61    3743778.61        0.01595                       387654.54
3743692.47        0.00520
         387654.54    3743742.47        0.00562                       387705.59
3744244.86        0.01196
         387705.59    3744294.86        0.01027                       387755.59
3744244.86        0.01476
         387755.59    3744294.86        0.01226                       387755.59
3744344.86        0.01012
         387755.59    3744394.86        0.00836                       387805.59
3744294.86        0.01364
         387805.59    3744344.86        0.01111                       387805.59
3744394.86        0.00906
         387805.59    3744444.86        0.00743                       387805.59
3744494.86        0.00612
```

```
         387805.59    3744544.86        0.00508                  387855.59
3744444.86        0.00764
         387855.59    3744494.86        0.00626                  387855.59
3744544.86        0.00518
         387855.59    3744594.86        0.00432                  387905.59
3744544.86        0.00514
         387905.59    3744594.86        0.00429                  387905.59
3744644.86        0.00361
         387905.59    3744694.86        0.00307                  387955.59
3744644.86        0.00349
         387463.28    3744230.92        0.00283                  387463.28
3744280.92        0.00280
         387463.28    3744330.92        0.00272                  387513.28
3744230.92        0.00378
         387513.28    3744280.92        0.00370                  387513.28
3744330.92        0.00354
         387513.28    3744380.92        0.00331                  387513.28
3744430.92        0.00305
         387513.28    3744480.92        0.00277                  387563.28
3744230.92        0.00517
         387563.28    3744280.92        0.00496                  387563.28
3744330.92        0.00462
         387563.28    3744380.92        0.00422                  387563.28
3744430.92        0.00380
         387563.28    3744480.92        0.00339                  387563.28
3744530.92        0.00301
         387563.28    3744580.92        0.00267                  387563.28
3744630.92        0.00238
         387613.28    3744230.92        0.00715                  387613.28
3744280.92        0.00665
         387613.28    3744330.92        0.00602                  387613.28
3744380.92        0.00534
         387613.28    3744430.92        0.00469                  387613.28
3744480.92        0.00409
         387613.28    3744530.92        0.00356                  387613.28
3744580.92        0.00311
         387613.28    3744630.92        0.00273                  387613.28
3744680.92        0.00241
         387663.28    3744330.92        0.00766                  387663.28
3744380.92        0.00660
         387663.28    3744430.92        0.00565                  387663.28
3744480.92        0.00483
         387663.28    3744530.92        0.00413                  387663.28
3744580.92        0.00355
         387663.28    3744630.92        0.00307                  387663.28
3744680.92        0.00267
         387713.28    3744480.92        0.00554                  387713.28
3744530.92        0.00467
         387713.28    3744580.92        0.00396                  387713.28
3744630.92        0.00338
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387713.28	3744680.92	0.00291	387763.28	3744580.92	0.00428
387763.28	3744630.92	0.00362	387763.28	3744680.92	0.00309
387813.28	3744680.92	0.00320	387465.01	3744212.81	0.00285
387515.01	3744212.81	0.00382	387565.01	3744212.81	0.00526
387615.01	3744212.81	0.00736	387436.03	3744192.12	0.00244
386968.99	3743502.23	0.00077	386968.99	3743552.23	0.00084
386968.99	3743602.23	0.00092	386968.99	3743652.23	0.00099
386968.99	3743702.23	0.00102	386968.99	3743752.23	0.00102
386968.99	3743802.23	0.00099	386968.99	3743852.23	0.00095
386968.99	3743902.23	0.00091	386968.99	3743952.23	0.00089
386968.99	3744002.23	0.00087	386968.99	3744052.23	0.00085
386968.99	3744102.23	0.00081	386968.99	3744152.23	0.00076
387018.99	3743502.23	0.00080	387018.99	3743552.23	0.00089
387018.99	3743602.23	0.00098	387018.99	3743652.23	0.00106

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         387018.99    3743702.23        0.00111                    387018.99
3743752.23        0.00112
         387018.99    3743802.23        0.00109                    387018.99
3743852.23        0.00104
         387018.99    3743902.23        0.00099                    387018.99
3743952.23        0.00097
         387018.99    3744002.23        0.00095                    387018.99
3744052.23        0.00092
         387018.99    3744102.23        0.00087                    387018.99
3744152.23        0.00081
         387068.99    3743502.23        0.00085                    387068.99
3743552.23        0.00094
         387068.99    3743602.23        0.00104                    387068.99
3743652.23        0.00113
         387068.99    3743702.23        0.00120                    387068.99
3743752.23        0.00122
         387068.99    3743802.23        0.00120                    387068.99
3743852.23        0.00114
         387068.99    3743902.23        0.00109                    387068.99
3743952.23        0.00107
         387068.99    3744002.23        0.00104                    387068.99
3744052.23        0.00100
         387068.99    3744102.23        0.00094                    387068.99
3744152.23        0.00087
         387118.99    3743502.23        0.00090                    387118.99
3743552.23        0.00100
         387118.99    3743602.23        0.00111                    387118.99
3743652.23        0.00123
         387118.99    3743702.23        0.00132                    387118.99
3743752.23        0.00135
         387118.99    3743802.23        0.00133                    387118.99
3743852.23        0.00127
         387118.99    3743902.23        0.00121                    387118.99
3743952.23        0.00118
         387118.99    3744002.23        0.00115                    387118.99
3744052.23        0.00110
         387118.99    3744102.23        0.00103                    387118.99
3744152.23        0.00095
         387168.99    3743502.23        0.00097                    387168.99
3743552.23        0.00107
         387168.99    3743602.23        0.00119                    387168.99
3743652.23        0.00133
         387168.99    3743702.23        0.00144                    387168.99
3743752.23        0.00150
         387168.99    3743802.23        0.00149                    387168.99
3743852.23        0.00142
         387168.99    3743902.23        0.00136                    387168.99
3743952.23        0.00132
         387168.99    3744002.23        0.00128                    387168.99
3744052.23        0.00122
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         387168.99    3744102.23        0.00113                      387168.99
3744152.23        0.00104
         387218.99    3743502.23        0.00105                      387218.99
3743552.23        0.00116
         387218.99    3743602.23        0.00129                      387218.99
3743652.23        0.00145
         387218.99    3743702.23        0.00159                      387218.99
3743752.23        0.00168
         387218.99    3743802.23        0.00168                      387218.99
3743852.23        0.00161
         387218.99    3743902.23        0.00153                      387218.99
3743952.23        0.00148
         387218.99    3744002.23        0.00144                      387218.99
3744052.23        0.00135
         387218.99    3744102.23        0.00125                      387218.99
3744152.23        0.00115
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:51:24

                                 PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN      ***
                                 INCLUDING SOURCE(S):     GEN         ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         387268.99    3743502.23        0.00115                      387268.99
3743552.23        0.00126
         387268.99    3743602.23        0.00141                      387268.99
3743652.23        0.00159
         387268.99    3743702.23        0.00177                      387268.99
3743752.23        0.00189
         387268.99    3743802.23        0.00191                      387268.99
3743852.23        0.00183
         387268.99    3743902.23        0.00174                      387268.99
3743952.23        0.00169
         387268.99    3744002.23        0.00162                      387268.99
3744052.23        0.00152
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387268.99 3744102.23 0.00140 387268.99
3744152.23 0.00130
387318.99 3743552.23 0.00140 387318.99
3743602.23 0.00155
387318.99 3743652.23 0.00175 387318.99
3743702.23 0.00197
387318.99 3743752.23 0.00215 387318.99
3743802.23 0.00219
387318.99 3743852.23 0.00211 387318.99
3743902.23 0.00200
387318.99 3743952.23 0.00193 387318.99
3744002.23 0.00185
387318.99 3744052.23 0.00172 387318.99
3744102.23 0.00160
387318.99 3744152.23 0.00151 387368.99
3743652.23 0.00195
387368.99 3743702.23 0.00221 387368.99
3743752.23 0.00245
387368.99 3743802.23 0.00254 387368.99
3743852.23 0.00245
387368.99 3743902.23 0.00232 387368.99
3743952.23 0.00222
387368.99 3744002.23 0.00212 387357.30
3743511.78 0.00142
387407.30 3743561.78 0.00176 387407.30
3743611.78 0.00195
387453.88 3743868.51 0.00315 387453.88
3743918.51 0.00296
387453.88 3743968.51 0.00283 387453.88
3744018.51 0.00270
387453.88 3744068.51 0.00261 387503.88
3743968.51 0.00334
387503.88 3744018.51 0.00324 387503.88
3744068.51 0.00327
387503.88 3744118.51 0.00339 387553.88
3744068.51 0.00431
387553.88 3744118.51 0.00461 387015.27
3744263.55 0.00068
387015.27 3744313.55 0.00064 387015.27
3744363.55 0.00062
387015.27 3744413.55 0.00060 387015.27
3744463.55 0.00059
387015.27 3744513.55 0.00058 387015.27
3744563.55 0.00058
387015.27 3744613.55 0.00058 387015.27
3744663.55 0.00058
387015.27 3744713.55 0.00057 387015.27
3744763.55 0.00057
387015.27 3744813.55 0.00057 387015.27
3744863.55 0.00056

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387065.27	3744263.55	0.00074	387065.27	3744313.55	0.00070
387065.27	3744363.55	0.00067	387065.27	3744413.55	0.00066
387065.27	3744463.55	0.00065	387065.27	3744513.55	0.00065
387065.27	3744563.55	0.00064	387065.27	3744613.55	0.00064
387065.27	3744663.55	0.00064	387065.27	3744713.55	0.00063
387065.27	3744763.55	0.00062	387065.27	3744813.55	0.00062
387065.27	3744863.55	0.00060	387115.27	3744263.55	0.00080
387115.27	3744313.55	0.00077	387115.27	3744363.55	0.00075
387115.27	3744413.55	0.00074	387115.27	3744463.55	0.00073
387115.27	3744513.55	0.00073	387115.27	3744563.55	0.00072
387115.27	3744613.55	0.00071	387115.27	3744663.55	0.00071
387115.27	3744713.55	0.00070	387115.27	3744763.55	0.00068
387115.27	3744813.55	0.00067	387115.27	3744863.55	0.00065
387165.27	3744263.55	0.00089	387165.27	3744313.55	0.00087

387165.27 3744363.55 0.00085 387165.27
3744413.55 0.00084
387165.27 3744463.55 0.00083 387165.27
3744513.55 0.00082
387165.27 3744563.55 0.00081 387165.27
3744613.55 0.00080
387165.27 3744663.55 0.00079 387165.27
3744713.55 0.00077
387165.27 3744763.55 0.00075 387165.27
3744813.55 0.00073
387165.27 3744863.55 0.00071 387215.27
3744263.55 0.00102
387215.27 3744313.55 0.00099 387215.27
3744363.55 0.00098
387215.27 3744413.55 0.00097 387215.27
3744463.55 0.00096
387215.27 3744513.55 0.00094 387215.27
3744563.55 0.00093
387215.27 3744613.55 0.00091 387215.27
3744663.55 0.00088
387215.27 3744713.55 0.00086 387215.27
3744763.55 0.00083
387215.27 3744813.55 0.00080 387215.27
3744863.55 0.00077
387265.27 3744263.55 0.00119 387265.27
3744313.55 0.00117
387265.27 3744363.55 0.00115 387265.27
3744413.55 0.00114
387265.27 3744463.55 0.00112 387265.27
3744513.55 0.00109
387265.27 3744563.55 0.00106 387265.27
3744613.55 0.00103
387265.27 3744663.55 0.00099 387265.27
3744713.55 0.00095
387265.27 3744763.55 0.00092 387265.27
3744813.55 0.00088
387265.27 3744863.55 0.00084 387315.27
3744263.55 0.00142
387315.27 3744313.55 0.00140 387315.27
3744363.55 0.00138
387315.27 3744413.55 0.00136 387315.27
3744463.55 0.00132
387315.27 3744513.55 0.00128 387315.27
3744563.55 0.00123
387315.27 3744613.55 0.00118 387315.27
3744663.55 0.00112
387315.27 3744713.55 0.00107 387315.27
3744763.55 0.00102
387315.27 3744813.55 0.00097 387315.27
3744863.55 0.00093

```
         387365.27    3744263.55        0.00174                      387365.27
3744313.55        0.00172
         387365.27    3744363.55        0.00169                      387365.27
3744413.55        0.00164
         387365.27    3744463.55        0.00158                      387365.27
3744513.55        0.00151
         387365.27    3744563.55        0.00143                      387365.27
3744613.55        0.00136
         387365.27    3744663.55        0.00128                      387365.27
3744713.55        0.00120
         387365.27    3744763.55        0.00114                      387365.27
3744813.55        0.00108
         387365.27    3744863.55        0.00102                      387415.27
3744313.55        0.00217
         387415.27    3744363.55        0.00211                      387415.27
3744413.55        0.00202
         387415.27    3744463.55        0.00192                      387415.27
3744513.55        0.00180
         387415.27    3744563.55        0.00169                      387415.27
3744613.55        0.00157
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:51:24

                                  PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN      ***
                                  INCLUDING SOURCE(S):     GEN         ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         387415.27    3744663.55        0.00146                      387415.27
3744713.55        0.00136
         387415.27    3744763.55        0.00128                      387415.27
3744813.55        0.00120
         387415.27    3744863.55        0.00113                      387465.27
3744513.55        0.00217
         387465.27    3744563.55        0.00200                      387465.27
3744613.55        0.00183
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387465.27 3744663.55 0.00168 387465.27 3744713.55 0.00155
387465.27 3744763.55 0.00144 387465.27 3744813.55 0.00133
387465.27 3744863.55 0.00124 387515.27 3744663.55 0.00194
387515.27 3744713.55 0.00176 387515.27 3744763.55 0.00161
387515.27 3744813.55 0.00148 387515.27 3744863.55 0.00137
387565.27 3744813.55 0.00164 387565.27 3744863.55 0.00150
387524.44 3742913.36 0.00070 387574.44 3742963.36 0.00077
387574.44 3743013.36 0.00084 387624.44 3742963.36 0.00079
387624.44 3743013.36 0.00086 387624.44 3743063.36 0.00094
387674.44 3742963.36 0.00079 387674.44 3743013.36 0.00087
387674.44 3743063.36 0.00096 387674.44 3743113.36 0.00107
387724.44 3742963.36 0.00080 387724.44 3743013.36 0.00087
387724.44 3743063.36 0.00097 387724.44 3743113.36 0.00108
387774.44 3742963.36 0.00080 387774.44 3743013.36 0.00088
387774.44 3743063.36 0.00097 387774.44 3743113.36 0.00109
387774.44 3743163.36 0.00124 387824.44 3742963.36 0.00080
387824.44 3743013.36 0.00089 387824.44 3743063.36 0.00099
387824.44 3743113.36 0.00111 387824.44 3743163.36 0.00127
387824.44 3743213.36 0.00146 387874.44 3742963.36 0.00083
387874.44 3743013.36 0.00091 387874.44 3743063.36 0.00103
387874.44 3743113.36 0.00116 387874.44 3743163.36 0.00133
387874.44 3743213.36 0.00155 387874.44 3743263.36 0.00182
387924.44 3742963.36 0.00087 387924.44 3743013.36 0.00097
387924.44 3743063.36 0.00109 387924.44 3743113.36 0.00125
387924.44 3743163.36 0.00145 387924.44 3743213.36 0.00170

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387924.44	3743263.36	0.00203	387924.44	3743313.36	0.00245
387974.44	3742963.36	0.00093	387974.44	3743013.36	0.00105
387974.44	3743063.36	0.00120	387974.44	3743113.36	0.00138
387974.44	3743163.36	0.00161	387974.44	3743213.36	0.00191
387974.44	3743263.36	0.00229	387974.44	3743313.36	0.00278
387974.44	3743363.36	0.00342	388024.44	3742963.36	0.00102
388024.44	3743013.36	0.00116	388024.44	3743063.36	0.00132
388024.44	3743113.36	0.00153	388024.44	3743163.36	0.00179
388024.44	3743213.36	0.00212	388024.44	3743263.36	0.00254
388024.44	3743313.36	0.00306	388024.44	3743363.36	0.00374
388024.44	3743413.36	0.00458	388074.44	3742963.36	0.00112
388074.44	3743013.36	0.00127	388074.44	3743063.36	0.00145
388074.44	3743113.36	0.00167	388074.44	3743163.36	0.00195
388074.44	3743213.36	0.00229	388074.44	3743263.36	0.00271

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         388074.44    3743313.36        0.00323                    388074.44
3743363.36        0.00386
         388074.44    3743413.36        0.00459                    388074.44
3743463.36        0.00545
         388124.44    3742963.36        0.00121                    388124.44
3743013.36        0.00137
         388124.44    3743063.36        0.00155                    388124.44
3743113.36        0.00178
         388124.44    3743163.36        0.00205                    388124.44
3743213.36        0.00238
         388124.44    3743263.36        0.00277                    388124.44
3743313.36        0.00323
         388124.44    3743363.36        0.00376                    388124.44
3743413.36        0.00437
         388174.44    3742963.36        0.00129                    388174.44
3743013.36        0.00145
         388174.44    3743063.36        0.00163                    388174.44
3743113.36        0.00184
         388174.44    3743163.36        0.00209                    388174.44
3743213.36        0.00238
         388174.44    3743263.36        0.00272                    388174.44
3743313.36        0.00309
         388174.44    3743363.36        0.00353                    388174.44
3743413.36        0.00398
         388224.44    3742963.36        0.00134                    388224.44
3743013.36        0.00149
         388224.44    3743063.36        0.00165                    388224.44
3743113.36        0.00185
         388224.44    3743163.36        0.00206                    388224.44
3743213.36        0.00231
         388224.44    3743263.36        0.00259                    388224.44
3743313.36        0.00290
         388224.44    3743363.36        0.00320                    388274.44
3742963.36        0.00136
         388274.44    3743013.36        0.00150                    387475.71
3743311.02        0.00130
         387490.71    3743311.02        0.00134                    387451.13
3743316.16        0.00125
         387379.86    3743317.08        0.00107                    387399.86
3743317.08        0.00112
         387419.86    3743317.08        0.00117                    387439.86
3743317.08        0.00122
         387019.21    3742972.33        0.00046                    387019.21
3743022.33        0.00048
         387019.21    3743072.33        0.00049                    387019.21
3743122.33        0.00051
         387019.21    3743172.33        0.00053                    387019.21
3743222.33        0.00055
         387019.21    3743272.33        0.00058                    387019.21
3743322.33        0.00061
```

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         387069.21    3742972.33        0.00049                      387069.21
3743022.33        0.00050
         387069.21    3743072.33        0.00052                      387069.21
3743122.33        0.00054
         387069.21    3743172.33        0.00056                      387069.21
3743222.33        0.00059
         387069.21    3743272.33        0.00062                      387069.21
3743322.33        0.00065
         387119.21    3742972.33        0.00051                      387119.21
3743022.33        0.00053
         387119.21    3743072.33        0.00055                      387119.21
3743122.33        0.00057
         387119.21    3743172.33        0.00059                      387119.21
3743222.33        0.00062
         387119.21    3743272.33        0.00065                      387119.21
3743322.33        0.00069
         387169.21    3742972.33        0.00054                      387169.21
3743022.33        0.00056
         387169.21    3743072.33        0.00058                      387169.21
3743122.33        0.00061
         387169.21    3743172.33        0.00063                      387169.21
3743222.33        0.00066
         387169.21    3743272.33        0.00070                      387169.21
3743322.33        0.00074
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:51:24

                                  PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN      ***
                                  INCLUDING SOURCE(S):     GEN         ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
         387219.21    3742972.33        0.00057                      387219.21
3743022.33        0.00059
         387219.21    3743072.33        0.00062                      387219.21
3743122.33        0.00065
```

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         387219.21    3743172.33        0.00068                    387219.21
3743222.33        0.00071
         387219.21    3743272.33        0.00075                    387219.21
3743322.33        0.00080
         387269.21    3742972.33        0.00060                    387269.21
3743022.33        0.00063
         387269.21    3743072.33        0.00066                    387269.21
3743122.33        0.00069
         387269.21    3743172.33        0.00073                    387269.21
3743222.33        0.00077
         387269.21    3743272.33        0.00082                    387269.21
3743322.33        0.00087
         387319.21    3742972.33        0.00064                    387319.21
3743022.33        0.00067
         387319.21    3743072.33        0.00071                    387319.21
3743122.33        0.00075
         387319.21    3743172.33        0.00079                    387319.21
3743222.33        0.00084
         387319.21    3743272.33        0.00089                    387319.21
3743322.33        0.00096
         387369.21    3742972.33        0.00067                    387369.21
3743022.33        0.00071
         387369.21    3743072.33        0.00075                    387369.21
3743122.33        0.00080
         387369.21    3743172.33        0.00085                    387369.21
3743222.33        0.00091
         387369.21    3743272.33        0.00098                    387419.21
3742972.33        0.00070
         387419.21    3743022.33        0.00075                    387419.21
3743072.33        0.00080
         387419.21    3743122.33        0.00086                    387419.21
3743172.33        0.00093
         387419.21    3743222.33        0.00100                    387419.21
3743272.33        0.00108
         387469.21    3743072.33        0.00085                    387469.21
3743122.33        0.00092
         387469.21    3743172.33        0.00100                    387469.21
3743222.33        0.00109
         387469.21    3743272.33        0.00119                    387578.38
3743390.44        0.00194
         387608.38    3743390.44        0.00206                    387638.38
3743390.44        0.00217
         387369.87    3743365.20        0.00113                    387399.87
3743365.20        0.00121
         387429.87    3743365.20        0.00130                    387459.87
3743365.20        0.00139
         387489.87    3743365.20        0.00149                    387489.87
3743395.20        0.00159
         388754.52    3743939.25        0.00056                    388754.52
3743989.25        0.00050
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         388754.52    3744039.25        0.00046                       388754.52
3744089.25        0.00045
         388754.52    3744139.25        0.00045                       388754.52
3744189.25        0.00045
         388804.52    3743889.25        0.00058                       388804.52
3743939.25        0.00051
         388804.52    3743989.25        0.00045                       388804.52
3744039.25        0.00041
         388804.52    3744089.25        0.00040                       388804.52
3744139.25        0.00041
         388804.52    3744189.25        0.00041                       388804.52
3744239.25        0.00041
         388804.52    3744289.25        0.00041                       388854.52
3743889.25        0.00052
         388854.52    3743939.25        0.00046                       388854.52
3743989.25        0.00041
         388854.52    3744039.25        0.00038                       388854.52
3744089.25        0.00036
         388854.52    3744139.25        0.00036                       388854.52
3744189.25        0.00037
         388854.52    3744239.25        0.00037                       388854.52
3744289.25        0.00037
         388854.52    3744339.25        0.00038                       388904.52
3743889.25        0.00047
         388904.52    3743939.25        0.00042                       388904.52
3743989.25        0.00038
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24

                                   PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN       ***
                                   INCLUDING SOURCE(S):     GEN         ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         388904.52    3744039.25        0.00035                       388904.52
3744089.25        0.00034
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388904.52 3744139.25 0.00033 388904.52
3744189.25 0.00033
388904.52 3744239.25 0.00033 388904.52
3744289.25 0.00034
388904.52 3744339.25 0.00035 388904.52
3744389.25 0.00035
388904.52 3744439.25 0.00036 388954.52
3743939.25 0.00039
388954.52 3743989.25 0.00035 388954.52
3744039.25 0.00033
388954.52 3744089.25 0.00031 388954.52
3744139.25 0.00030
388882.82 3743721.97 0.00061 388882.82
3743771.97 0.00059
388932.82 3743721.97 0.00056 388932.82
3743771.97 0.00054
388932.82 3743821.97 0.00051 387765.02
3743382.77 0.00240
387815.02 3743382.77 0.00252 387815.02
3743432.77 0.00305
387865.02 3743382.77 0.00277 387865.02
3743432.77 0.00341
387915.02 3743382.77 0.00318 387915.02
3743432.77 0.00396
387965.02 3743432.77 0.00455 387713.39
3743372.67 0.00224
387763.39 3743422.67 0.00277 387583.29
3743113.63 0.00102
387583.29 3743163.63 0.00113 387583.29
3743213.63 0.00126
387583.29 3743263.63 0.00142 387633.29
3743163.63 0.00118
387633.29 3743213.63 0.00133 387633.29
3743263.63 0.00151
387633.29 3743313.63 0.00172 387683.29
3743263.63 0.00157
387683.29 3743313.63 0.00181 388242.48
3743969.33 0.00232
388242.48 3744019.33 0.00231 388242.48
3744069.33 0.00251
388242.48 3744119.33 0.00278 388242.48
3744169.33 0.00302
388242.48 3744219.33 0.00318 388242.48
3744269.33 0.00323
388242.48 3744319.33 0.00318 388242.48
3744369.33 0.00305
388242.48 3744419.33 0.00286 388242.48
3744469.33 0.00265
388292.48 3743969.33 0.00195 388292.48
3744019.33 0.00186

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         388292.48    3744069.33        0.00196                      388292.48
3744119.33        0.00213
         388292.48    3744169.33        0.00229                      388292.48
3744219.33        0.00242
         388292.48    3744269.33        0.00249                      388292.48
3744319.33        0.00249
         388292.48    3744369.33        0.00242                      388292.48
3744419.33        0.00231
         388292.48    3744469.33        0.00217                      388292.48
3744519.33        0.00202
         388292.48    3744569.33        0.00187                      388780.42
3742965.27        0.00083
         388780.42    3743015.27        0.00083                      388780.42
3743065.27        0.00082
         388780.42    3743115.27        0.00082                      388780.42
3743165.27        0.00081
         388780.42    3743215.27        0.00080                      388830.42
3742965.27        0.00077
         388830.42    3743015.27        0.00077                      388830.42
3743065.27        0.00076
         388830.42    3743115.27        0.00075                      388830.42
3743165.27        0.00075
         388880.42    3742965.27        0.00072                      388880.42
3743015.27        0.00071
         388880.42    3743065.27        0.00071                      388880.42
3743115.27        0.00070
         388880.42    3743165.27        0.00069                      388930.42
3742965.27        0.00067
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:51:24

                                 PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN      ***
                                 INCLUDING SOURCE(S):     GEN         ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DOCKS ***
INCLUDING SOURCE(S): L0000534 , L0000535 , L0000536 , L0000537 , L0000538 ,
L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 ,
L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388930.42	3743015.27	0.00067	388930.42	3743065.27	0.00066
388930.42	3743115.27	0.00065	388930.42	3743165.27	0.00064
387507.26	3743641.71	2.26891	387507.26	3743691.71	2.62804
387507.26	3743741.71	3.01743	387507.26	3743791.71	3.39636
387507.26	3743841.71	3.76481	387557.26	3743641.71	2.49661
387557.26	3743691.71	2.93677	387557.26	3743741.71	3.44856
387557.26	3743791.71	3.97898	387557.26	3743841.71	4.49439
387557.26	3743891.71	5.06203	387557.26	3743941.71	5.67379
387557.26	3743991.71	6.05436	387607.26	3743841.71	5.46942
387607.26	3743891.71	6.28402	387607.26	3743941.71	7.15833
387607.26	3743991.71	7.63232	387607.26	3744041.71	7.32815
387607.26	3744091.71	6.39233	387657.26		

3743841.71 6.81830
387657.26 3743891.71 8.05831 387657.26
3743941.71 9.37810
387657.26 3743991.71 9.95395 387657.26
3744041.71 9.14585
387657.26 3744091.71 7.51229 387657.26
3744141.71 5.90257
387707.26 3743841.71 8.73430 387707.26
3743891.71 10.80119
387707.26 3743941.71 12.98570 387707.26
3743991.71 13.57221
387707.26 3744041.71 11.60349 387707.26
3744091.71 8.87132
387707.26 3744141.71 6.74521 387757.26
3743841.71 11.53861
387757.26 3743891.71 15.40687 387757.26
3743941.71 19.59591
387757.26 3743991.71 19.55865 387757.26
3744041.71 14.89381
387757.26 3744091.71 10.61771 387757.26
3744141.71 7.89566
387862.10 3744056.02 23.95599 387862.10
3744106.02 15.20358
387912.10 3744056.02 31.37863 387912.10
3744106.02 18.54017
387962.10 3744056.02 35.46993 387962.10
3744106.02 20.47147
388012.10 3744056.02 33.20850 388012.10
3744106.02 19.68054
388062.10 3744056.02 25.56483 388062.10
3744106.02 16.42993
387863.31 3744015.45 38.99126 387913.31
3744015.45 57.02480
387963.31 3744015.45 64.85872 388013.31
3744015.45 58.78231
388063.31 3744015.45 40.42954 387826.23
3744056.86 19.13776
387826.23 3744106.86 12.84297 387827.44
3744016.29 28.54489
387689.52 3743645.82 3.37563 387689.52
3743695.82 4.12235
387689.52 3743745.82 5.15537 387739.52
3743645.82 3.81167
387739.52 3743695.82 4.73894 387739.52
3743745.82 6.07358
387789.52 3743645.82 4.30996 387789.52
3743695.82 5.48192
387789.52 3743745.82 7.23835 387839.52
3743645.82 4.88663
387839.52 3743695.82 6.37007 387839.52

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DOCKS   ***
                                   INCLUDING SOURCE(S):   L0000534   , L0000535
, L0000536   , L0000537   , L0000538   ,
                  L0000539   , L0000540   , L0000541   , L0000542   , L0000543
, L0000544   , L0000545   , L0000546   ,
                  L0000547   , L0000548   , L0000549   , L0000550   , L0000551
, L0000552   , L0000553   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         387892.61   3743778.61   14.37139   387942.61
3743778.61   19.32714
         387992.61   3743778.61   25.80231   387654.54
3743692.47   3.70998
         387654.54   3743742.47   4.56017   387705.59
3744244.86   4.33440
         387705.59   3744294.86   3.65467   387755.59
3744244.86   4.92350
         387755.59   3744294.86   4.07273   387755.59
3744344.86   3.41602
         387755.59   3744394.86   2.90203   387805.59
3744294.86   4.51840

387805.59 3744344.86 3.72679 387805.59 3744394.86 3.12478
387805.59 3744444.86 2.65865 387805.59 3744494.86 2.29122
387805.59 3744544.86 1.99639 387855.59 3744444.86 2.82813
387855.59 3744494.86 2.42026 387855.59 3744544.86 2.09705
387855.59 3744594.86 1.83650 387905.59 3744544.86 2.19171
387905.59 3744594.86 1.91142 387905.59 3744644.86 1.68299
387905.59 3744694.86 1.49499 387955.59 3744644.86 1.73229
387463.28 3744230.92 2.86782 387463.28 3744280.92 2.43642
387463.28 3744330.92 2.10219 387513.28 3744230.92 3.09032
387513.28 3744280.92 2.61225 387513.28 3744330.92 2.26314
387513.28 3744380.92 2.00665 387513.28 3744430.92 1.80602
387513.28 3744480.92 1.63725 387563.28 3744230.92 3.35002
387563.28 3744280.92 2.83405 387563.28 3744330.92 2.46559
387563.28 3744380.92 2.18563 387563.28 3744430.92 1.95637
387563.28 3744480.92 1.75956 387563.28 3744530.92 1.58724
387563.28 3744580.92 1.43568 387563.28 3744630.92 1.30257
387613.28 3744230.92 3.67681 387613.28 3744280.92 3.11951
387613.28 3744330.92 2.71147 387613.28 3744380.92 2.38784
387613.28 3744430.92 2.11704 387613.28 3744480.92 1.88491
387613.28 3744530.92 1.68481 387613.28 3744580.92 1.51246
387613.28 3744630.92 1.36378 387613.28 3744680.92 1.23527
387663.28 3744330.92 2.99543 387663.28 3744380.92 2.60630
387663.28 3744430.92 2.28301 387663.28 3744480.92 2.01096
387663.28 3744530.92 1.78213 387663.28 3744580.92 1.58904
387663.28 3744630.92 1.42514 387663.28 3744680.92 1.28527

387713.28   3744480.92   2.13877   387713.28
3744530.92   1.88086
387713.28   3744580.92   1.66707   387713.28
3744630.92   1.48795
387713.28   3744680.92   1.33668   387763.28
3744580.92   1.74766
387763.28   3744630.92   1.55303   387763.28
3744680.92   1.38996
387813.28   3744680.92   1.44471   387465.01
3744212.81   3.05013
387515.01   3744212.81   3.30551   387565.01
3744212.81   3.59425
387615.01   3744212.81   3.94721   387436.03
3744192.12   3.08609
386968.99   3743502.23   0.81079   386968.99
3743552.23   0.86072
386968.99   3743602.23   0.90625   386968.99
3743652.23   0.94656

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DOCKS   ***
INCLUDING SOURCE(S):   L0000534   , L0000535   , L0000536   , L0000537   , L0000538   ,
L0000539   , L0000540   , L0000541   , L0000542   , L0000543   , L0000544   , L0000545   , L0000546   ,
L0000547   , L0000548   , L0000549   , L0000550   , L0000551   , L0000552   , L0000553   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
- -
386968.99   3743702.23   0.98285   386968.99
3743752.23   1.01912
386968.99   3743802.23   1.06176   386968.99
3743852.23   1.11522
386968.99   3743902.23   1.17797   386968.99

3743952.23 1.24113
386968.99 3744002.23 1.29248 386968.99
3744052.23 1.32366
386968.99 3744102.23 1.33387 386968.99
3744152.23 1.32752
387018.99 3743502.23 0.85692 387018.99
3743552.23 0.91534
387018.99 3743602.23 0.96962 387018.99
3743652.23 1.01814
387018.99 3743702.23 1.06129 387018.99
3743752.23 1.10304
387018.99 3743802.23 1.15114 387018.99
3743852.23 1.21125
387018.99 3743902.23 1.28235 387018.99
3743952.23 1.35408
387018.99 3744002.23 1.41139 387018.99
3744052.23 1.44487
387018.99 3744102.23 1.45401 387018.99
3744152.23 1.44407
387068.99 3743502.23 0.90606 387068.99
3743552.23 0.97411
387068.99 3743602.23 1.03893 387068.99
3743652.23 1.09761
387068.99 3743702.23 1.14941 387068.99
3743752.23 1.19838
387068.99 3743802.23 1.25314 387068.99
3743852.23 1.32115
387068.99 3743902.23 1.40232 387068.99
3743952.23 1.48428
387068.99 3744002.23 1.54898 387068.99
3744052.23 1.58486
387068.99 3744102.23 1.59210 387068.99
3744152.23 1.57699
387118.99 3743502.23 0.95882 387118.99
3743552.23 1.03779
387118.99 3743602.23 1.11496 387118.99
3743652.23 1.18630
387118.99 3743702.23 1.24926 387118.99
3743752.23 1.30751
387118.99 3743802.23 1.37063 387118.99
3743852.23 1.44832
387118.99 3743902.23 1.54158 387118.99
3743952.23 1.63594
387118.99 3744002.23 1.70927 387118.99
3744052.23 1.74775
387118.99 3744102.23 1.75193 387118.99
3744152.23 1.72946
387168.99 3743502.23 1.01469 387168.99
3743552.23 1.10600
387168.99 3743602.23 1.19823 387168.99

3743652.23   1.28508
         387168.99   3743702.23   1.36265   387168.99
3743752.23   1.43305
         387168.99   3743802.23   1.50697   387168.99
3743852.23   1.59643
         387168.99   3743902.23   1.70458   387168.99
3743952.23   1.81426
         387168.99   3744002.23   1.89786   387168.99
3744052.23   1.93886
         387168.99   3744102.23   1.93851   387168.99
3744152.23   1.90499
         387218.99   3743502.23   1.07450   387218.99
3743552.23   1.17936
         387218.99   3743602.23   1.28918   387218.99
3743652.23   1.39527
         387218.99   3743702.23   1.49170   387218.99
3743752.23   1.57843
         387218.99   3743802.23   1.66617   387218.99
3743852.23   1.77077
         387218.99   3743902.23   1.89752   387218.99
3743952.23   2.02628
         387218.99   3744002.23   2.12232   387218.99
3744052.23   2.16527
         387218.99   3744102.23   2.15742   387218.99
3744152.23   2.10745

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DOCKS   ***
                                    INCLUDING SOURCE(S):   L0000534   , L0000535
, L0000536   , L0000537   , L0000538   ,
                  L0000539   , L0000540   , L0000541   , L0000542   , L0000543
, L0000544   , L0000545   , L0000546   ,
                  L0000547   , L0000548   , L0000549   , L0000550   , L0000551
, L0000552   , L0000553   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

- -
- -

387268.99 3743502.23 1.13905 387268.99
3743552.23 1.25815
387268.99 3743602.23 1.38820 387268.99
3743652.23 1.51826
387268.99 3743702.23 1.63930 387268.99
3743752.23 1.74813
387268.99 3743802.23 1.85427 387268.99
3743852.23 1.97801
387268.99 3743902.23 2.12825 387268.99
3743952.23 2.28126
387268.99 3744002.23 2.39260 387268.99
3744052.23 2.43634
387268.99 3744102.23 2.41626 387268.99
3744152.23 2.34133
387318.99 3743552.23 1.34517 387318.99
3743602.23 1.49656
387318.99 3743652.23 1.65482 387318.99
3743702.23 1.80813
387318.99 3743752.23 1.94723 387318.99
3743802.23 2.07896
387318.99 3743852.23 2.22738 387318.99
3743902.23 2.40784
387318.99 3743952.23 2.59185 387318.99
3744002.23 2.72193
387318.99 3744052.23 2.76503 387318.99
3744102.23 2.72492
387318.99 3744152.23 2.61149 387368.99
3743652.23 1.80972
387368.99 3743702.23 2.00276 387368.99
3743752.23 2.18251
387368.99 3743802.23 2.34970 387368.99
3743852.23 2.53134
387368.99 3743902.23 2.75188 387368.99
3743952.23 2.97698
387368.99 3744002.23 3.12966 387357.30
3743511.78 1.29537
387407.30 3743561.78 1.55441 387407.30
3743611.78 1.75726
387453.88 3743868.51 3.32923 387453.88
3743918.51 3.66715
387453.88 3743968.51 3.97083 387453.88
3744018.51 4.11052
387453.88 3744068.51 4.04829 387503.88
3743968.51 4.76455
387503.88 3744018.51 4.90810 387503.88
3744068.51 4.75640
387503.88 3744118.51 4.34725 387553.88
3744068.51 5.66392

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         387553.88    3744118.51        4.98667                        387015.27
3744263.55        1.36211
         387015.27    3744313.55        1.30246                        387015.27
3744363.55        1.22397
         387015.27    3744413.55        1.13052                        387015.27
3744463.55        1.03061
         387015.27    3744513.55        0.93349                        387015.27
3744563.55        0.84660
         387015.27    3744613.55        0.77350                        387015.27
3744663.55        0.71452
         387015.27    3744713.55        0.66755                        387015.27
3744763.55        0.62965
         387015.27    3744813.55        0.59805                        387015.27
3744863.55        0.57052
         387065.27    3744263.55        1.46861                        387065.27
3744313.55        1.39026
         387065.27    3744363.55        1.29122                        387065.27
3744413.55        1.17914
         387065.27    3744463.55        1.06569                        387065.27
3744513.55        0.96098
         387065.27    3744563.55        0.87155                        387065.27
3744613.55        0.79893
         387065.27    3744663.55        0.74140                        387065.27
3744713.55        0.69554
         387065.27    3744763.55        0.65781                        387065.27
3744813.55        0.62536
         387065.27    3744863.55        0.59620                        387115.27
3744263.55        1.58426
         387115.27    3744313.55        1.48190                        387115.27
3744363.55        1.35860
         387115.27    3744413.55        1.22699                        387115.27
3744463.55        1.10117
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:51:24

                                    PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DOCKS    ***
                                    INCLUDING SOURCE(S):     L0000534    , L0000535
, L0000536    , L0000537    , L0000538    ,
                 L0000539    , L0000540    , L0000541    , L0000542    , L0000543
, L0000544    , L0000545    , L0000546    ,
                 L0000547    , L0000548    , L0000549    , L0000550    , L0000551
, L0000552    , L0000553    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387115.27	3744513.55	0.99116	387115.27	3744563.55	0.90101
387115.27	3744613.55	0.82975	387115.27	3744663.55	0.77352
387115.27	3744713.55	0.72798	387115.27	3744763.55	0.68933
387115.27	3744813.55	0.65495	387115.27	3744863.55	0.62327
387165.27	3744263.55	1.70856	387165.27	3744313.55	1.57618
387165.27	3744363.55	1.42562	387165.27	3744413.55	1.27485
387165.27	3744463.55	1.13899	387165.27	3744513.55	1.02608
387165.27	3744563.55	0.93672	387165.27	3744613.55	0.86695
387165.27	3744663.55	0.81119	387165.27	3744713.55	0.76465
387165.27	3744763.55	0.72373	387165.27	3744813.55	0.68631
387165.27	3744863.55	0.65128	387215.27	3744263.55	1.84052
387215.27	3744313.55	1.67187	387215.27	3744363.55	1.49261
387215.27	3744413.55	1.32445	387215.27	3744463.55	1.18172
387215.27	3744513.55	1.06816	387215.27	3744563.55	0.98020
387215.27	3744613.55	0.91109	387215.27	3744663.55	0.85423
387215.27	3744713.55	0.80499	387215.27	3744763.55	0.76037
387215.27	3744813.55	0.71882	387215.27	3744863.55	0.67969
387265.27	3744263.55	1.97860	387265.27	3744313.55	1.76823
387265.27	3744363.55	1.56059	387265.27	3744413.55	1.37871
387265.27	3744463.55	1.23256	387265.27	3744513.55	1.11983
387265.27	3744563.55	1.03256	387265.27		

3744613.55   0.96216
         387265.27   3744663.55   0.90202   387265.27
3744713.55   0.84818
         387265.27   3744763.55   0.79842   387265.27
3744813.55   0.75184
         387265.27   3744863.55   0.70806   387315.27
3744263.55   2.12132
         387315.27   3744313.55   1.86593   387315.27
3744363.55   1.63296
         387315.27   3744413.55   1.44204   387315.27
3744463.55   1.29504
         387315.27   3744513.55   1.18290   387315.27
3744563.55   1.09410
         387315.27   3744613.55   1.01962   387315.27
3744663.55   0.95366
         387315.27   3744713.55   0.89335   387315.27
3744763.55   0.83725
         387315.27   3744813.55   0.78488   387315.27
3744863.55   0.73609
         387365.27   3744263.55   2.26757   387365.27
3744313.55   1.96764
         387365.27   3744363.55   1.71508   387365.27
3744413.55   1.51952
         387365.27   3744463.55   1.37223   387365.27
3744513.55   1.25801
         387365.27   3744563.55   1.16405   387365.27
3744613.55   1.08213
         387365.27   3744663.55   1.00778   387365.27
3744713.55   0.93935
         387365.27   3744763.55   0.87599   387365.27
3744813.55   0.81742
         387365.27   3744863.55   0.76346   387415.27
3744313.55   2.07967
         387415.27   3744363.55   1.81414   387415.27
3744413.55   1.61602
         387415.27   3744463.55   1.46574   387415.27
3744513.55   1.34459
         387415.27   3744563.55   1.24076   387415.27
3744613.55   1.14790

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DOCKS   ***
                                INCLUDING SOURCE(S):   L0000534   , L0000535

```
, L0000536    , L0000537    , L0000538    ,
                L0000539    , L0000540    , L0000541    , L0000542    , L0000543
, L0000544    , L0000545    , L0000546    ,
                L0000547    , L0000548    , L0000549    , L0000550    , L0000551
, L0000552    , L0000553    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         387415.27    3744663.55        1.06306                       387415.27
3744713.55        0.98534
         387415.27    3744763.55        0.91418                       387415.27
3744813.55        0.84924
         387415.27    3744863.55        0.79012                       387465.27
3744513.55        1.44062
         387465.27    3744563.55        1.32203                       387465.27
3744613.55        1.21521
         387465.27    3744663.55        1.11834                       387465.27
3744713.55        1.03070
         387465.27    3744763.55        0.95156                       387465.27
3744813.55        0.88028
         387465.27    3744863.55        0.81616                       387515.27
3744663.55        1.17290
         387515.27    3744713.55        1.07516                       387515.27
3744763.55        0.98815
         387515.27    3744813.55        0.91074                       387515.27
3744863.55        0.84182
         387565.27    3744813.55        0.94098                       387565.27
3744863.55        0.86742
         387524.44    3742913.36        0.57060                       387574.44
3742963.36        0.63102
         387574.44    3743013.36        0.68032                       387624.44
3742963.36        0.64986
         387624.44    3743013.36        0.70221                       387624.44
3743063.36        0.76141
         387674.44    3742963.36        0.66921                       387674.44
3743013.36        0.72441
         387674.44    3743063.36        0.78727                       387674.44
3743113.36        0.85919
         387724.44    3742963.36        0.69123                       387724.44
3743013.36        0.74908
         387724.44    3743063.36        0.81529                       387724.44
3743113.36        0.89143
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         387774.44    3742963.36        0.71888                    387774.44
3743013.36        0.77966
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3743113.36        0.92989
         387774.44    3743163.36        1.02355                    387824.44
3742963.36        0.75602
         387824.44    3743013.36        0.82070                    387824.44
3743063.36        0.89499
         387824.44    3743113.36        0.98098                    387824.44
3743163.36        1.08133
         387824.44    3743213.36        1.19960                    387874.44
3742963.36        0.80564
         387874.44    3743013.36        0.87596                    387874.44
3743063.36        0.95692
         387874.44    3743113.36        1.05080                    387874.44
3743163.36        1.16077
         387874.44    3743213.36        1.29093                    387874.44
3743263.36        1.44647
         387924.44    3742963.36        0.86794                    387924.44
3743013.36        0.94621
         387924.44    3743063.36        1.03662                    387924.44
3743113.36        1.14189
         387924.44    3743163.36        1.26560                    387924.44
3743213.36        1.41272
         387924.44    3743263.36        1.58979                    387924.44
3743313.36        1.80597
         387974.44    3742963.36        0.94017                    387974.44
3743013.36        1.02830
         387974.44    3743063.36        1.13057                    387974.44
3743113.36        1.25030
         387974.44    3743163.36        1.39174                    387974.44
3743213.36        1.56115
         387974.44    3743263.36        1.76626                    387974.44
3743313.36        2.01831
         387974.44    3743363.36        2.33372                    388024.44
3742963.36        1.01689
         388024.44    3743013.36        1.11584                    388024.44
3743063.36        1.23113
         388024.44    3743113.36        1.36643                    388024.44
3743163.36        1.52774
         388024.44    3743213.36        1.72204                    388024.44
3743263.36        1.95832
         388024.44    3743313.36        2.25124                    388024.44
3743363.36        2.61977
         388024.44    3743413.36        3.09439                    388074.44
3742963.36        1.09207
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DOCKS ***
INCLUDING SOURCE(S): L0000534 , L0000535 , L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388074.44	3743013.36	1.20148	388074.44	3743063.36	1.32930
388074.44	3743113.36	1.48023	388074.44	3743163.36	1.66101
388074.44	3743213.36	1.87876	388074.44	3743263.36	2.14527
388074.44	3743313.36	2.47672	388074.44	3743363.36	2.89741
388074.44	3743413.36	3.44105	388074.44	3743463.36	4.16615
388124.44	3742963.36	1.16183	388124.44	3743013.36	1.28058
388124.44	3743063.36	1.41957	388124.44	3743113.36	1.58539
388124.44	3743163.36	1.78235	388124.44	3743213.36	2.02029
388124.44	3743263.36	2.31325	388124.44	3743313.36	2.67926
388124.44	3743363.36	3.14315	388124.44	3743413.36	3.74892
388174.44	3742963.36	1.22469	388174.44	3743013.36	1.35232
388174.44	3743063.36	1.50106	388174.44	3743113.36	1.67810
388174.44	3743163.36	1.88788	388174.44	3743213.36	2.14411
388174.44	3743263.36	2.46003	388174.44		

3743313.36 2.85504
388174.44 3743363.36 3.36092 388174.44
3743413.36 4.02461
388224.44 3742963.36 1.28066 388224.44
3743013.36 1.41499
388224.44 3743063.36 1.56997 388224.44
3743113.36 1.75821
388224.44 3743163.36 1.98122 388224.44
3743213.36 2.25421
388224.44 3743263.36 2.59214 388224.44
3743313.36 3.01697
388224.44 3743363.36 3.56164 388274.44
3742963.36 1.32961
388274.44 3743013.36 1.47070 387475.71
3743311.02 1.01772
387490.71 3743311.02 1.03596 387451.13
3743316.16 0.99695
387379.86 3743317.08 0.91785 387399.86
3743317.08 0.93945
387419.86 3743317.08 0.96187 387439.86
3743317.08 0.98510
387019.21 3742972.33 0.42535 387019.21
3743022.33 0.44753
387019.21 3743072.33 0.47214 387019.21
3743122.33 0.49991
387019.21 3743172.33 0.53130 387019.21
3743222.33 0.56721
387019.21 3743272.33 0.60800 387019.21
3743322.33 0.65418
387069.21 3742972.33 0.44184 387069.21
3743022.33 0.46520
387069.21 3743072.33 0.49098 387069.21
3743122.33 0.51988
387069.21 3743172.33 0.55253 387069.21
3743222.33 0.58991
387069.21 3743272.33 0.63265 387069.21
3743322.33 0.68163
387119.21 3742972.33 0.45918 387119.21
3743022.33 0.48422
387119.21 3743072.33 0.51150 387119.21
3743122.33 0.54176
387119.21 3743172.33 0.57587 387119.21
3743222.33 0.61490
387119.21 3743272.33 0.65967 387119.21
3743322.33 0.71127
387169.21 3742972.33 0.47747 387169.21
3743022.33 0.50422
387169.21 3743072.33 0.53340 387169.21
3743122.33 0.56571
387169.21 3743172.33 0.60165 387169.21

```
3743222.33        0.64250
         387169.21    3743272.33        0.68940                      387169.21
3743322.33        0.74374
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:51:24

                                  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DOCKS    ***
                                  INCLUDING SOURCE(S):     L0000534    , L0000535
, L0000536    , L0000537    , L0000538    ,
                L0000539    , L0000540    , L0000541    , L0000542    , L0000543
, L0000544    , L0000545    , L0000546    ,
                L0000547    , L0000548    , L0000549    , L0000550    , L0000551
, L0000552    , L0000553    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         387219.21    3742972.33        0.49661                      387219.21
3743022.33        0.52546
         387219.21    3743072.33        0.55687                      387219.21
3743122.33        0.59139
         387219.21    3743172.33        0.62967                      387219.21
3743222.33        0.67298
         387219.21    3743272.33        0.72236                      387219.21
3743322.33        0.77964
         387269.21    3742972.33        0.51638                      387269.21
3743022.33        0.54766
         387269.21    3743072.33        0.58172                      387269.21
3743122.33        0.61910
         387269.21    3743172.33        0.66030                      387269.21
3743222.33        0.70652
         387269.21    3743272.33        0.75909                      387269.21
3743322.33        0.81974
         387319.21    3742972.33        0.53660                      387319.21
3743022.33        0.57058
         387319.21    3743072.33        0.60768                      387319.21
3743122.33        0.64836
```

387319.21 3743172.33 0.69316 387319.21
3743222.33 0.74325
387319.21 3743272.33 0.79969 387319.21
3743322.33 0.86448
387369.21 3742972.33 0.55700 387369.21
3743022.33 0.59403
387369.21 3743072.33 0.63450 387369.21
3743122.33 0.67903
387369.21 3743172.33 0.72817 387369.21
3743222.33 0.78293
387369.21 3743272.33 0.84441 387419.21
3742972.33 0.57757
387419.21 3743022.33 0.61771 387419.21
3743072.33 0.66185
387419.21 3743122.33 0.71067 387419.21
3743172.33 0.76475
387419.21 3743222.33 0.82510 387419.21
3743272.33 0.89277
387469.21 3743072.33 0.68938 387469.21
3743122.33 0.74299
387469.21 3743172.33 0.80258 387469.21
3743222.33 0.86940
387469.21 3743272.33 0.94464 387578.38
3743390.44 1.35334
387608.38 3743390.44 1.40868 387638.38
3743390.44 1.46571
387369.87 3743365.20 0.98444 387399.87
3743365.20 1.02045
387429.87 3743365.20 1.05884 387459.87
3743365.20 1.09972
387489.87 3743365.20 1.14295 387489.87
3743395.20 1.21153
388754.52 3743939.25 1.13147 388754.52
3743989.25 0.92906
388754.52 3744039.25 0.85153 388754.52
3744089.25 1.10598
388754.52 3744139.25 1.04276 388754.52
3744189.25 0.99490
388804.52 3743889.25 1.17994 388804.52
3743939.25 0.96915
388804.52 3743989.25 0.79290 388804.52
3744039.25 0.67360
388804.52 3744089.25 0.65246 388804.52
3744139.25 0.94670
388804.52 3744189.25 0.90497 388804.52
3744239.25 0.86986
388804.52 3744289.25 0.83694 388854.52
3743889.25 1.04347
388854.52 3743939.25 0.86286 388854.52
3743989.25 0.71032

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DOCKS ***
INCLUDING SOURCE(S): L0000534 , L0000535 , L0000536 , L0000537 , L0000538 ,
L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 ,
L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388904.52	3744039.25	0.54656	388904.52	3744089.25	0.49036
388904.52	3744139.25	0.46134	388904.52	3744189.25	0.50129
388904.52	3744239.25	0.55732	388904.52	3744289.25	0.68384
388904.52	3744339.25	0.68506	388904.52	3744389.25	0.66127
388904.52	3744439.25	0.63738	388954.52	3743939.25	0.70515
388954.52	3743989.25	0.58022	388954.52	3744039.25	0.49127
388954.52	3744089.25	0.43831	388954.52		

3744139.25 0.40892
388882.82 3743721.97 1.54964 388882.82
3743771.97 1.34381
388932.82 3743721.97 1.34004 388932.82
3743771.97 1.18247
388932.82 3743821.97 1.04944 387765.02
3743382.77 1.67640
387815.02 3743382.77 1.78779 387815.02
3743432.77 2.06540
387865.02 3743382.77 1.93820 387865.02
3743432.77 2.24972
387915.02 3743382.77 2.14926 387915.02
3743432.77 2.51138
387965.02 3743432.77 2.85387 387713.39
3743372.67 1.53809
387763.39 3743422.67 1.86846 387583.29
3743113.63 0.80434
387583.29 3743163.63 0.87637 387583.29
3743213.63 0.95860
387583.29 3743263.63 1.05259 387633.29
3743163.63 0.91282
387633.29 3743213.63 1.00265 387633.29
3743263.63 1.10656
387633.29 3743313.63 1.22756 387683.29
3743263.63 1.16010
387683.29 3743313.63 1.29402 388242.48
3743969.33 8.88500
388242.48 3744019.33 7.02623 388242.48
3744069.33 6.02858
388242.48 3744119.33 5.22567 388242.48
3744169.33 4.52930
388242.48 3744219.33 3.93768 388242.48
3744269.33 3.43733
388242.48 3744319.33 3.01931 388242.48
3744369.33 2.66873
388242.48 3744419.33 2.37071 388242.48
3744469.33 2.11621
388292.48 3743969.33 6.55598 388292.48
3744019.33 5.30287
388292.48 3744069.33 4.63455 388292.48
3744119.33 4.12152
388292.48 3744169.33 3.65859 388292.48
3744219.33 3.24673
388292.48 3744269.33 2.88847 388292.48
3744319.33 2.57543
388292.48 3744369.33 2.31233 388292.48
3744419.33 2.08300
388292.48 3744469.33 1.88273 388292.48
3744519.33 1.70733
388292.48 3744569.33 1.55344 388780.42

3742965.27   1.95229
         388780.42   3743015.27   2.19558   388780.42
3743065.27   2.47642
         388780.42   3743115.27   2.80078   388780.42
3743165.27   3.16750
         388780.42   3743215.27   3.56391   388830.42
3742965.27   2.01607
         388830.42   3743015.27   2.26521   388830.42
3743065.27   2.55419
         388830.42   3743115.27   2.87947   388830.42
3743165.27   3.22946
         388880.42   3742965.27   2.08159   388880.42
3743015.27   2.33190
         388880.42   3743065.27   2.61585   388880.42
3743115.27   2.92046
         388880.42   3743165.27   3.22934   388930.42
3742965.27   2.14051

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DOCKS   ***
                                INCLUDING SOURCE(S):   L0000534   , L0000535
, L0000536   , L0000537   , L0000538   ,
                  L0000539   , L0000540   , L0000541   , L0000542   , L0000543
, L0000544   , L0000545   , L0000546   ,
                  L0000547   , L0000548   , L0000549   , L0000550   , L0000551
, L0000552   , L0000553   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         388930.42   3743015.27   2.38670   388930.42
3743065.27   2.65545
         388930.42   3743115.27   2.93031   388930.42
3743165.27   3.18787

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387507.26	3743641.71	29.03734	387507.26	3743691.71	24.76768
387507.26	3743741.71	23.23672	387507.26	3743791.71	21.41274
387507.26	3743841.71	19.13690	387557.26	3743641.71	40.19306
387557.26	3743691.71	38.24312	387557.26	3743741.71	37.99059
387557.26	3743791.71	32.79215	387557.26	3743841.71	26.45989
387557.26	3743891.71	21.60184	387557.26	3743941.71	18.02695
387557.26	3743991.71	14.81672	387607.26	3743841.71	40.26418
387607.26	3743891.71	28.92052	387607.26	3743941.71	23.07755
387607.26	3743991.71	18.11253	387607.26	3744041.71	13.65956
387607.26	3744091.71	10.43705	387657.26	3743841.71	63.71566
387657.26	3743891.71	39.45695	387657.26	3743941.71	30.65399
387657.26	3743991.71	22.77911	387657.26		

3744041.71 16.03931
387657.26 3744091.71 11.85391 387657.26
3744141.71 9.26928
387707.26 3743841.71 85.84940 387707.26
3743891.71 57.01829
387707.26 3743941.71 45.28450 387707.26
3743991.71 30.64046
387707.26 3744041.71 19.34661 387707.26
3744091.71 13.63164
387707.26 3744141.71 10.26649 387757.26
3743841.71 127.93125
387757.26 3743891.71 116.76546 387757.26
3743941.71 99.05017
387757.26 3743991.71 48.18481 387757.26
3744041.71 24.13246
387757.26 3744091.71 15.49841 387757.26
3744141.71 11.17450
387862.10 3744056.02 18.58342 387862.10
3744106.02 13.33414
387912.10 3744056.02 14.80817 387912.10
3744106.02 11.42883
387962.10 3744056.02 12.26131 387962.10
3744106.02 9.75510
388012.10 3744056.02 10.35260 388012.10
3744106.02 8.39410
388062.10 3744056.02 8.68735 388062.10
3744106.02 7.19300
387863.31 3744015.45 25.15831 387913.31
3744015.45 18.61266
387963.31 3744015.45 15.09341 388013.31
3744015.45 12.56482
388063.31 3744015.45 10.32587 387826.23
3744056.86 21.32202
387826.23 3744106.86 14.30952 387827.44
3744016.29 33.04040
387689.52 3743645.82 42.18877 387689.52
3743695.82 42.96662
387689.52 3743745.82 53.40586 387739.52
3743645.82 29.69695
387739.52 3743695.82 34.82713 387739.52
3743745.82 49.48490
387789.52 3743645.82 26.35587 387789.52
3743695.82 34.20965
387789.52 3743745.82 54.64758 387839.52
3743645.82 26.25924
387839.52 3743695.82 37.04653 387839.52
3743745.82 65.49009
387889.52 3743645.82 27.35389 387889.52
3743695.82 40.98266
387889.52 3743745.82 76.21884 387939.52

3743695.82   44.48784
        387939.52   3743745.82   78.69246   387989.52
3743745.82   74.91306
        387692.61   3743778.61   74.15669   387742.61
3743778.61   76.58698
        387792.61   3743778.61   92.80663   387842.61
3743778.61   124.44481

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL   ***
INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   , L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
L0000583   , L0000584   , L0000585   , L0000586   , L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   , L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387892.61	3743778.61	135.27367	387942.61	3743778.61	129.85237
387992.61	3743778.61	121.11548	387654.54	3743692.47	61.54521
387654.54	3743742.47	66.12113	387705.59	3744244.86	6.47558
387705.59	3744294.86	5.40155	387755.59	3744244.86	6.79376
387755.59	3744294.86	5.61555	387755.59	3744344.86	4.74086
387755.59	3744394.86	4.07038	387805.59	3744294.86	5.71799
387805.59	3744344.86	4.81554	387805.59	3744394.86	4.12650

387805.59 3744444.86 3.58598 387805.59
3744494.86 3.15260
387805.59 3744544.86 2.79868 387855.59
3744444.86 3.57024
387855.59 3744494.86 3.14322 387855.59
3744544.86 2.79341
387855.59 3744594.86 2.50277 387905.59
3744544.86 2.74880
387905.59 3744594.86 2.46929 387905.59
3744644.86 2.23239
387905.59 3744694.86 2.02999 387955.59
3744644.86 2.18179
387463.28 3744230.92 4.72512 387463.28
3744280.92 4.13392
387463.28 3744330.92 3.65858 387513.28
3744230.92 5.12115
387513.28 3744280.92 4.44860 387513.28
3744330.92 3.90372
387513.28 3744380.92 3.45093 387513.28
3744430.92 3.07279
387513.28 3744480.92 2.75308 387563.28
3744230.92 5.56105
387563.28 3744280.92 4.77632 387563.28
3744330.92 4.14962
387563.28 3744380.92 3.63856 387563.28
3744430.92 3.21712
387563.28 3744480.92 2.86651 387563.28
3744530.92 2.57242
387563.28 3744580.92 2.32229 387563.28
3744630.92 2.10827
387613.28 3744230.92 6.02102 387613.28
3744280.92 5.10528
387613.28 3744330.92 4.38924 387613.28
3744380.92 3.81853
387613.28 3744430.92 3.35653 387613.28
3744480.92 2.97714
387613.28 3744530.92 2.66068 387613.28
3744580.92 2.39431
387613.28 3744630.92 2.16787 387613.28
3744680.92 1.97395
387663.28 3744330.92 4.61741 387663.28
3744380.92 3.98867
387663.28 3744430.92 3.48727 387663.28
3744480.92 3.07967
387663.28 3744530.92 2.74277 387663.28
3744580.92 2.46131
387663.28 3744630.92 2.22345 387663.28
3744680.92 2.02045
387713.28 3744480.92 3.16921 387713.28
3744530.92 2.81416

```
         387713.28    3744580.92        2.51928                      387713.28
3744630.92        2.27108
         387713.28    3744680.92        2.06036                      387763.28
3744580.92        2.56204
         387763.28    3744630.92        2.30669                      387763.28
3744680.92        2.09014
         387813.28    3744680.92        2.10547                      387465.01
3744212.81        4.99481
         387515.01    3744212.81        5.42375                      387565.01
3744212.81        5.91179
         387615.01    3744212.81        6.43359                      387436.03
3744192.12        5.08496
         386968.99    3743502.23        4.13660                      386968.99
3743552.23        4.12458
         386968.99    3743602.23        4.06800                      386968.99
3743652.23        3.99543
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:51:24

                                  PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL     ***
                                  INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                 L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                 L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                 L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         386968.99    3743702.23        3.92185                      386968.99
3743752.23        3.85291
         386968.99    3743802.23        3.78872                      386968.99
3743852.23        3.72011
         386968.99    3743902.23        3.63548                      386968.99
```

3743952.23 3.52707
386968.99 3744002.23 3.39378 386968.99
3744052.23 3.24008
386968.99 3744102.23 3.07126 386968.99
3744152.23 2.89001
387018.99 3743502.23 4.69861 387018.99
3743552.23 4.63832
387018.99 3743602.23 4.55417 387018.99
3743652.23 4.46249
387018.99 3743702.23 4.36699 387018.99
3743752.23 4.27382
387018.99 3743802.23 4.18806 387018.99
3743852.23 4.10001
387018.99 3743902.23 3.99568 387018.99
3743952.23 3.86445
387018.99 3744002.23 3.70351 387018.99
3744052.23 3.51908
387018.99 3744102.23 3.31706 387018.99
3744152.23 3.10041
387068.99 3743502.23 5.38144 387068.99
3743552.23 5.25959
387068.99 3743602.23 5.14742 387068.99
3743652.23 5.02851
387068.99 3743702.23 4.89800 387068.99
3743752.23 4.77051
387068.99 3743802.23 4.65640 387068.99
3743852.23 4.54440
387068.99 3743902.23 4.41575 387068.99
3743952.23 4.25504
387068.99 3744002.23 4.05944 387068.99
3744052.23 3.83569
387068.99 3744102.23 3.59132 387068.99
3744152.23 3.33023
387118.99 3743502.23 6.22884 387118.99
3743552.23 6.04075
387118.99 3743602.23 5.88929 387118.99
3743652.23 5.72343
387118.99 3743702.23 5.53790 387118.99
3743752.23 5.36254
387118.99 3743802.23 5.21321 387118.99
3743852.23 5.07219
387118.99 3743902.23 4.91148 387118.99
3743952.23 4.71167
387118.99 3744002.23 4.47046 387118.99
3744052.23 4.19642
387118.99 3744102.23 3.89786 387118.99
3744152.23 3.58123
387168.99 3743502.23 7.33238 387168.99
3743552.23 7.05173
387168.99 3743602.23 6.83118 387168.99

3743652.23   6.58239
         387168.99   3743702.23   6.31546   387168.99
3743752.23   6.07700
         387168.99   3743802.23   5.88543   387168.99
3743852.23   5.70667
         387168.99   3743902.23   5.50243   387168.99
3743952.23   5.25013
         387168.99   3744002.23   4.94874   387168.99
3744052.23   4.60920
         387168.99   3744102.23   4.24136   387168.99
3744152.23   3.85480
         387218.99   3743502.23   8.84878   387218.99
3743552.23   8.39604
         387218.99   3743602.23   8.04590   387218.99
3743652.23   7.65901
         387218.99   3743702.23   7.27370   387218.99
3743752.23   6.95542
         387218.99   3743802.23   6.70991   387218.99
3743852.23   6.48129
         387218.99   3743902.23   6.21591   387218.99
3743952.23   5.89185
         387218.99   3744002.23   5.51041   387218.99
3744052.23   5.08402
         387218.99   3744102.23   4.62588   387218.99
3744152.23   4.15221

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                   INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                  L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                  L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                  L0000591   , L0000592   , L0000593   , L0000594   , L0000595
, L0000596   , L0000597   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387268.99	3743502.23	10.98373	387268.99	3743552.23	10.21934
387268.99	3743602.23	9.64627	387268.99	3743652.23	9.03364
387268.99	3743702.23	8.48020	387268.99	3743752.23	8.06049
387268.99	3743802.23	7.74245	387268.99	3743852.23	7.44070
387268.99	3743902.23	7.08779	387268.99	3743952.23	6.66545
387268.99	3744002.23	6.17609	387268.99	3744052.23	5.63277
387268.99	3744102.23	5.05640	387268.99	3744152.23	4.47516
387318.99	3743552.23	12.82540	387318.99	3743602.23	11.82966
387318.99	3743652.23	10.81760	387318.99	3743702.23	10.03277
387318.99	3743752.23	9.48193	387318.99	3743802.23	9.06383
387318.99	3743852.23	8.65164	387318.99	3743902.23	8.17187
387318.99	3743952.23	7.61077	387318.99	3744002.23	6.97170
387318.99	3744052.23	6.27019	387318.99	3744102.23	5.53866
387318.99	3744152.23	4.82645	387368.99	3743652.23	13.26691
387368.99	3743702.23	12.10931	387368.99	3743752.23	11.36887
387368.99	3743802.23	10.80099	387368.99	3743852.23	10.22014
387368.99	3743902.23	9.55076	387368.99	3743952.23	8.78726
387368.99	3744002.23	7.93231	387357.30	3743511.78	16.76880
387407.30	3743561.78	21.95439	387407.30	3743611.78	18.05958
387453.88	3743868.51	13.88580	387453.88	3743918.51	12.52125
387453.88	3743968.51	11.09316	387453.88	3744018.51	9.58637
387453.88	3744068.51	8.08406	387503.88	3743968.51	13.24142
387503.88	3744018.51	11.09863	387503.88	3744068.51	9.07527

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         387503.88    3744118.51        7.39511                        387553.88
3744068.51       10.26255
         387553.88    3744118.51        8.18453                        387015.27
3744263.55        2.57188
         387015.27    3744313.55        2.34222                        387015.27
3744363.55        2.12828
         387015.27    3744413.55        1.93857                        387015.27
3744463.55        1.77685
         387015.27    3744513.55        1.64160                        387015.27
3744563.55        1.52847
         387015.27    3744613.55        1.43211                        387015.27
3744663.55        1.34792
         387015.27    3744713.55        1.27242                        387015.27
3744763.55        1.20335
         387015.27    3744813.55        1.13938                        387015.27
3744863.55        1.07971
         387065.27    3744263.55        2.70884                        387065.27
3744313.55        2.44958
         387065.27    3744363.55        2.21614                        387065.27
3744413.55        2.01549
         387065.27    3744463.55        1.84815                        387065.27
3744513.55        1.70934
         387065.27    3744563.55        1.59266                        387065.27
3744613.55        1.49192
         387065.27    3744663.55        1.40253                        387065.27
3744713.55        1.32143
         387065.27    3744763.55        1.24678                        387065.27
3744813.55        1.17755
         387065.27    3744863.55        1.11311                        387115.27
3744263.55        2.85208
         387115.27    3744313.55        2.56273                        387115.27
3744363.55        2.31123
         387115.27    3744413.55        2.10117                        387115.27
3744463.55        1.92845
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:51:24

                                  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL     ***
                                  INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                  L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                  L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
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L0000591 , L0000592 , L0000593 , L0000594 , L0000595
, L0000596 , L0000597 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387115.27	3744513.55	1.78509	387115.27	3744563.55	1.66304
387115.27	3744613.55	1.55599	387115.27	3744663.55	1.45973
387115.27	3744713.55	1.37180	387115.27	3744763.55	1.29075
387115.27	3744813.55	1.21576	387115.27	3744863.55	1.14629
387165.27	3744263.55	3.00295	387165.27	3744313.55	2.68429
387165.27	3744363.55	2.41668	387165.27	3744413.55	2.19806
387165.27	3744463.55	2.01903	387165.27	3744513.55	1.86893
387165.27	3744563.55	1.73903	387165.27	3744613.55	1.62347
387165.27	3744663.55	1.51874	387165.27	3744713.55	1.42290
387165.27	3744763.55	1.33481	387165.27	3744813.55	1.25374
387165.27	3744863.55	1.17909	387215.27	3744263.55	3.16420
387215.27	3744313.55	2.81808	387215.27	3744363.55	2.53612
387215.27	3744413.55	2.30821	387215.27	3744463.55	2.12036
387215.27	3744513.55	1.96027	387215.27	3744563.55	1.81960
387215.27	3744613.55	1.69335	387215.27	3744663.55	1.57874
387215.27	3744713.55	1.47419	387215.27	3744763.55	1.37865
387215.27	3744813.55	1.29133	387215.27	3744863.55	1.21149
387265.27	3744263.55	3.34037	387265.27	3744313.55	2.96901
387265.27	3744363.55	2.67264	387265.27		

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3744413.55        2.43269
         387265.27    3744463.55        2.23186                        387265.27
3744513.55        2.05784
         387265.27    3744563.55        1.90342                        387265.27
3744613.55        1.76459
         387265.27    3744663.55        1.63902                        387265.27
3744713.55        1.52525
         387265.27    3744763.55        1.42208                        387265.27
3744813.55        1.32847
         387265.27    3744863.55        1.24348                        387315.27
3744263.55        3.53820
         387315.27    3744313.55        3.14251                        387315.27
3744363.55        2.82867
         387315.27    3744413.55        2.57120                        387315.27
3744463.55        2.35188
         387315.27    3744513.55        2.15983                        387315.27
3744563.55        1.98905
         387315.27    3744613.55        1.83621                        387315.27
3744663.55        1.69904
         387315.27    3744713.55        1.57579                        387315.27
3744763.55        1.46496
         387315.27    3744813.55        1.36516                        387315.27
3744863.55        1.27512
         387365.27    3744263.55        3.76562                        387365.27
3744313.55        3.34272
         387365.27    3744363.55        3.00429                        387365.27
3744413.55        2.72159
         387365.27    3744463.55        2.47790                        387365.27
3744513.55        2.26412
         387365.27    3744563.55        2.07513                        387365.27
3744613.55        1.90744
         387365.27    3744663.55        1.75846                        387365.27
3744713.55        1.62577
         387365.27    3744763.55        1.50739                        387365.27
3744813.55        1.40153
         387365.27    3744863.55        1.30657                        387415.27
3744313.55        3.57097
         387415.27    3744363.55        3.19671                        387415.27
3744413.55        2.88012
         387415.27    3744463.55        2.60691                        387415.27
3744513.55        2.36886
         387415.27    3744563.55        2.16065                        387415.27
3744613.55        1.97788
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***      14:51:24

                                  PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387415.27	3744663.55	1.81712	387415.27	3744713.55	1.67515
387415.27	3744763.55	1.54941	387415.27	3744813.55	1.43762
387415.27	3744863.55	1.33784	387465.27	3744513.55	2.47263
387465.27	3744563.55	2.24495	387465.27	3744613.55	2.04730
387465.27	3744663.55	1.87497	387465.27	3744713.55	1.72393
387465.27	3744763.55	1.59101	387465.27	3744813.55	1.47346
387465.27	3744863.55	1.36894	387515.27	3744663.55	1.93184
387515.27	3744713.55	1.77200	387515.27	3744763.55	1.63207
387515.27	3744813.55	1.50885	387515.27	3744863.55	1.39970
387565.27	3744813.55	1.54340	387565.27	3744863.55	1.42973
387524.44	3742913.36	3.19428	387574.44	3742963.36	4.16419
387574.44	3743013.36	5.12997	387624.44	3742963.36	4.52599
387624.44	3743013.36	5.59432	387624.44	3743063.36	7.12922
387674.44	3742963.36	4.86687	387674.44	3743013.36	5.99918

387674.44 3743063.36 7.54824 387674.44
3743113.36 9.61489
387724.44 3742963.36 5.17975 387724.44
3743013.36 6.32682
387724.44 3743063.36 7.80182 387724.44
3743113.36 9.60128
387774.44 3742963.36 5.44772 387774.44
3743013.36 6.55659
387774.44 3743063.36 7.88268 387774.44
3743113.36 9.34718
387774.44 3743163.36 10.76700 387824.44
3742963.36 5.65307
387824.44 3743013.36 6.67600 387824.44
3743063.36 7.80745
387824.44 3743113.36 8.94198 387824.44
3743163.36 9.93995
387824.44 3743213.36 10.72515 387874.44
3742963.36 5.78339
387874.44 3743013.36 6.68762 387874.44
3743063.36 7.61626
387874.44 3743113.36 8.48083 387874.44
3743163.36 9.21774
387874.44 3743213.36 9.85211 387874.44
3743263.36 10.50513
387924.44 3742963.36 5.83555 387924.44
3743013.36 6.60960
387924.44 3743063.36 7.35905 387924.44
3743113.36 8.03329
387924.44 3743163.36 8.62822 387924.44
3743213.36 9.20823
387924.44 3743263.36 9.87320 387924.44
3743313.36 10.70040
387974.44 3742963.36 5.81859 387974.44
3743013.36 6.46962
387974.44 3743063.36 7.07911 387974.44
3743113.36 7.63293
387974.44 3743163.36 8.15891 387974.44
3743213.36 8.72334
387974.44 3743263.36 9.38851 387974.44
3743313.36 10.18465
387974.44 3743363.36 11.10934 388024.44
3742963.36 5.74648
388024.44 3743013.36 6.29363 388024.44
3743063.36 6.80362
388024.44 3743113.36 7.28494 388024.44
3743163.36 7.77938
388024.44 3743213.36 8.33560 388024.44
3743263.36 8.98601
388024.44 3743313.36 9.74503 388024.44
3743363.36 10.62267

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000570 , L0000571
, L0000572 , L0000573 , L0000574 ,
L0000575 , L0000576 , L0000577 , L0000578 , L0000579
, L0000580 , L0000581 , L0000582 ,
L0000583 , L0000584 , L0000585 , L0000586 , L0000587
, L0000588 , L0000589 , L0000590 ,
L0000591 , L0000592 , L0000593 , L0000594 , L0000595
, L0000596 , L0000597 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388074.44	3743013.36	6.10024	388074.44	3743063.36	6.54313
388074.44	3743113.36	6.98458	388074.44	3743163.36	7.46220
388074.44	3743213.36	8.00521	388074.44	3743263.36	8.63551
388074.44	3743313.36	9.36765	388074.44	3743363.36	10.24558
388074.44	3743413.36	11.38333	388074.44	3743463.36	13.01301
388124.44	3742963.36	5.49824	388124.44	3743013.36	5.90472
388124.44	3743063.36	6.30403	388124.44	3743113.36	6.72393
388124.44	3743163.36	7.18506	388124.44	3743213.36	7.71245
388124.44	3743263.36	8.32575	388124.44	3743313.36	9.05228
388124.44	3743363.36	9.95722	388124.44		

3743413.36 11.18256
388174.44 3742963.36 5.35264 388174.44
3743013.36 5.71836
388174.44 3743063.36 6.08992 388174.44
3743113.36 6.48625
388174.44 3743163.36 6.93575 388174.44
3743213.36 7.45091
388174.44 3743263.36 8.05633 388174.44
3743313.36 8.79228
388174.44 3743363.36 9.74236 388174.44
3743413.36 11.03247
388224.44 3742963.36 5.20566 388224.44
3743013.36 5.54047
388224.44 3743063.36 5.87698 388224.44
3743113.36 6.27756
388224.44 3743163.36 6.71251 388224.44
3743213.36 7.22075
388224.44 3743263.36 7.82899 388224.44
3743313.36 8.58535
388224.44 3743363.36 9.56922 388274.44
3742963.36 5.06147
388274.44 3743013.36 5.37649 387475.71
3743311.02 61.72789
387490.71 3743311.02 61.08651 387451.13
3743316.16 70.23454
387379.86 3743317.08 67.26553 387399.86
3743317.08 69.47466
387419.86 3743317.08 70.87547 387439.86
3743317.08 71.70929
387019.21 3742972.33 1.74568 387019.21
3743022.33 1.92920
387019.21 3743072.33 2.15328 387019.21
3743122.33 2.42752
387019.21 3743172.33 2.74991 387019.21
3743222.33 3.10664
387019.21 3743272.33 3.48619 387019.21
3743322.33 3.90781
387069.21 3742972.33 1.86435 387069.21
3743022.33 2.07124
387069.21 3743072.33 2.32690 387069.21
3743122.33 2.64836
387069.21 3743172.33 3.04650 387069.21
3743222.33 3.51366
387069.21 3743272.33 4.02452 387069.21
3743322.33 4.59554
387119.21 3742972.33 1.99396 387119.21
3743022.33 2.23222
387119.21 3743072.33 2.52854 387119.21
3743122.33 2.90844
387119.21 3743172.33 3.40310 387119.21

```
3743222.33        4.03112
         387119.21    3743272.33        4.76554                      387119.21
3743322.33        5.59854
         387169.21    3742972.33        2.13378                      387169.21
3743022.33        2.40948
         387169.21    3743072.33        2.75843                      387169.21
3743122.33        3.21786
         387169.21    3743172.33        3.84110                      387169.21
3743222.33        4.70208
         387169.21    3743272.33        5.84270                      387169.21
3743322.33        7.23397
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:51:24

                                  PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL     ***
                                  INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         387219.21    3742972.33        2.28428                      387219.21
3743022.33        2.60516
         387219.21    3743072.33        3.01947                      387219.21
3743122.33        3.57919
         387219.21    3743172.33        4.37795                      387219.21
3743222.33        5.59045
         387219.21    3743272.33        7.51023                      387219.21
3743322.33       10.47512
         387269.21    3742972.33        2.45245                      387269.21
3743022.33        2.82795
```

387269.21 3743072.33 3.32475 387269.21
3743122.33 4.01775
387269.21 3743172.33 5.05753 387269.21
3743222.33 6.79894
387269.21 3743272.33 10.23945 387269.21
3743322.33 20.09540
387319.21 3742972.33 2.65108 387319.21
3743022.33 3.09607
387319.21 3743072.33 3.70431 387319.21
3743122.33 4.58836
387319.21 3743172.33 5.99990 387319.21
3743222.33 8.64948
387319.21 3743272.33 15.38429 387319.21
3743322.33 57.73489
387369.21 3742972.33 2.88750 387369.21
3743022.33 3.41754
387369.21 3743072.33 4.16611 387369.21
3743122.33 5.30540
387369.21 3743172.33 7.24728 387369.21
3743222.33 11.28078
387369.21 3743272.33 23.05206 387419.21
3742972.33 3.16872
387419.21 3743022.33 3.79519 387419.21
3743072.33 4.70475
387419.21 3743122.33 6.14460 387419.21
3743172.33 8.73454
387419.21 3743222.33 14.30652 387419.21
3743272.33 28.67716
387469.21 3743072.33 5.34846 387469.21
3743122.33 7.14191
387469.21 3743172.33 10.38508 387469.21
3743222.33 16.84307
387469.21 3743272.33 31.11869 387578.38
3743390.44 38.30269
387608.38 3743390.44 28.47603 387638.38
3743390.44 23.31967
387369.87 3743365.20 65.21101 387399.87
3743365.20 67.02694
387429.87 3743365.20 68.72653 387459.87
3743365.20 71.58662
387489.87 3743365.20 82.37054 387489.87
3743395.20 71.66895
388754.52 3743939.25 1.01950 388754.52
3743989.25 0.92935
388754.52 3744039.25 0.93326 388754.52
3744089.25 1.30003
388754.52 3744139.25 1.25268 388754.52
3744189.25 1.20866
388804.52 3743889.25 1.02160 388804.52
3743939.25 0.89106

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         388804.52    3743989.25        0.80977                      388804.52
3744039.25        0.75825
         388804.52    3744089.25        0.77190                      388804.52
3744139.25        1.16141
         388804.52    3744189.25        1.12347                      388804.52
3744239.25        1.08710
         388804.52    3744289.25        1.05145                      388854.52
3743889.25        0.92852
         388854.52    3743939.25        0.81261                      388854.52
3743989.25        0.73953
         388854.52    3744039.25        0.69190                      388854.52
3744089.25        0.66019
         388854.52    3744139.25        0.79164                      388854.52
3744189.25        1.04747
         388854.52    3744239.25        1.01557                      388854.52
3744289.25        0.98449
         388854.52    3744339.25        0.95376                      388904.52
3743889.25        0.85184
         388904.52    3743939.25        0.75027                      388904.52
3743989.25        0.68171
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                        ***       14:51:24

                                  PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL     ***
                                  INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                  L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                  L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                  L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         388904.52    3744039.25        0.63597                      388904.52
```

3744089.25 0.60380
388904.52 3744139.25 0.58020 388904.52
3744189.25 0.63386
388904.52 3744239.25 0.70442 388904.52
3744289.25 0.76600
388904.52 3744339.25 0.89695 388904.52
3744389.25 0.86982
388904.52 3744439.25 0.84291 388954.52
3743939.25 0.69389
388954.52 3743989.25 0.62523 388954.52
3744039.25 0.58068
388954.52 3744089.25 0.54872 388954.52
3744139.25 0.52312
388882.82 3743721.97 1.37926 388882.82
3743771.97 1.21492
388932.82 3743721.97 1.23649 388932.82
3743771.97 1.10174
388932.82 3743821.97 0.96710 387765.02
3743382.77 15.21274
387815.02 3743382.77 13.99415 387815.02
3743432.77 15.76331
387865.02 3743382.77 13.06463 387865.02
3743432.77 14.50681
387915.02 3743382.77 12.27686 387915.02
3743432.77 13.50093
387965.02 3743432.77 12.75503 387713.39
3743372.67 16.90097
387763.39 3743422.67 16.83989 387583.29
3743113.63 8.90265
387583.29 3743163.63 12.29718 387583.29
3743213.63 17.47348
387583.29 3743263.63 25.50823 387633.29
3743163.63 12.47712
387633.29 3743213.63 16.50247 387633.29
3743263.63 21.01258
387633.29 3743313.63 23.69038 387683.29
3743263.63 17.05757
387683.29 3743313.63 18.04342 388242.48
3743969.33 5.27154
388242.48 3744019.33 4.68623 388242.48
3744069.33 4.21504
388242.48 3744119.33 3.81635 388242.48
3744169.33 3.46912
388242.48 3744219.33 3.16082 388242.48
3744269.33 2.88456
388242.48 3744319.33 2.64153 388242.48
3744369.33 2.42765
388242.48 3744419.33 2.23795 388242.48
3744469.33 2.06949
388292.48 3743969.33 4.35347 388292.48

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3744019.33        3.93380
         388292.48    3744069.33        3.58958                        388292.48
3744119.33        3.29329
         388292.48    3744169.33        3.02993                        388292.48
3744219.33        2.79152
         388292.48    3744269.33        2.57483                        388292.48
3744319.33        2.37675
         388292.48    3744369.33        2.20238                        388292.48
3744419.33        2.04526
         388292.48    3744469.33        1.90264                        388292.48
3744519.33        1.77335
         388292.48    3744569.33        1.65691                        388780.42
3742965.27        4.31607
         388780.42    3743015.27        4.54641                        388780.42
3743065.27        4.75807
         388780.42    3743115.27        4.94012                        388780.42
3743165.27        5.06924
         388780.42    3743215.27        5.11244                        388830.42
3742965.27        4.22133
         388830.42    3743015.27        4.41652                        388830.42
3743065.27        4.59239
         388830.42    3743115.27        4.72285                        388830.42
3743165.27        4.77922
         388880.42    3742965.27        4.11747                        388880.42
3743015.27        4.26980
         388880.42    3743065.27        4.39293                        388880.42
3743115.27        4.45589
         388880.42    3743165.27        4.43801                        388930.42
3742965.27        3.98851
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:51:24

                                    PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL      ***
                                    INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                  L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                  L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                  L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388930.42	3743015.27	4.09771	388930.42	3743065.27	4.16614
388930.42	3743115.27	4.16857	388930.42	3743165.27	4.08787

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387507.26	3743641.71	2.11466	387507.26	3743691.71	2.41154
387507.26	3743741.71	2.75255	387507.26	3743791.71	3.12834
387507.26	3743841.71	3.51569	387557.26	3743641.71	2.33186
387557.26	3743691.71	2.69156	387557.26	3743741.71	3.12006
387557.26	3743791.71	3.62130	387557.26		

3743841.71 4.16799
387557.26 3743891.71 4.72676 387557.26
3743941.71 5.32020
387557.26 3743991.71 5.81473 387607.26
3743841.71 5.01955
387607.26 3743891.71 5.87015 387607.26
3743941.71 6.77396
387607.26 3743991.71 7.49207 387607.26
3744041.71 7.35385
387607.26 3744091.71 6.41791 387657.26
3743841.71 6.15604
387657.26 3743891.71 7.54011 387657.26
3743941.71 9.06801
387657.26 3743991.71 10.21097 387657.26
3744041.71 9.50205
387657.26 3744091.71 7.71062 387657.26
3744141.71 6.07383
387707.26 3743841.71 7.69991 387707.26
3743891.71 10.11798
387707.26 3743941.71 13.21694 387707.26
3743991.71 15.29569
387707.26 3744041.71 12.69140 387707.26
3744091.71 9.42785
387707.26 3744141.71 7.10900 387757.26
3743841.71 9.83845
387757.26 3743891.71 14.28365 387757.26
3743941.71 22.85308
387757.26 3743991.71 27.32620 387757.26
3744041.71 17.68236
387757.26 3744091.71 11.86272 387757.26
3744141.71 8.46610
387862.10 3744056.02 27.74723 387862.10
3744106.02 16.04500
387912.10 3744056.02 30.06582 387912.10
3744106.02 17.49671
387962.10 3744056.02 30.69025 387962.10
3744106.02 18.05558
388012.10 3744056.02 30.34844 388012.10
3744106.02 17.97508
388062.10 3744056.02 28.84338 388062.10
3744106.02 17.09581
387863.31 3744015.45 53.14345 387913.31
3744015.45 56.33369
387963.31 3744015.45 57.41556 388013.31
3744015.45 56.99136
388063.31 3744015.45 54.17648 387826.23
3744056.86 23.95126
387826.23 3744106.86 14.26238 387827.44
3744016.29 45.12719
387689.52 3743645.82 3.13510 387689.52

3743695.82 3.77082
387689.52 3743745.82 4.59692 387739.52
3743645.82 3.51369
387739.52 3743695.82 4.31055 387739.52
3743745.82 5.38496
387789.52 3743645.82 3.97716 387789.52
3743695.82 4.98313
387789.52 3743745.82 6.39885 387839.52
3743645.82 4.57760
387839.52 3743695.82 5.87851 387839.52
3743745.82 7.81070
387889.52 3743645.82 5.33377 387889.52
3743695.82 7.03198
387889.52 3743745.82 9.70416 387939.52
3743695.82 8.42143
387939.52 3743745.82 12.10110 387989.52
3743745.82 15.11131
387692.61 3743778.61 5.34188 387742.61
3743778.61 6.38974
387792.61 3743778.61 7.77660 387842.61
3743778.61 9.77949

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -

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         387892.61    3743778.61       12.54531                    387942.61
3743778.61       16.20454
         387992.61    3743778.61       21.07459                    387654.54
3743692.47        3.40371
         387654.54    3743742.47        4.08337                    387705.59
3744244.86        4.36479
         387705.59    3744294.86        3.62178                    387755.59
3744244.86        4.93763
         387755.59    3744294.86        4.03734                    387755.59
3744344.86        3.37536
         387755.59    3744394.86        2.86777                    387805.59
3744294.86        4.48472
         387805.59    3744344.86        3.69182                    387805.59
3744394.86        3.09459
         387805.59    3744444.86        2.63302                    387805.59
3744494.86        2.26923
         387805.59    3744544.86        1.97727                    387855.59
3744444.86        2.79008
         387855.59    3744494.86        2.38833                    387855.59
3744544.86        2.07015
         387855.59    3744594.86        1.81345                    387905.59
3744544.86        2.15100
         387905.59    3744594.86        1.87830                    387905.59
3744644.86        1.65595
         387905.59    3744694.86        1.47257                    387955.59
3744644.86        1.69824
         387463.28    3744230.92        2.84667                    387463.28
3744280.92        2.43795
         387463.28    3744330.92        2.10515                    387513.28
3744230.92        3.09387
         387513.28    3744280.92        2.62546                    387513.28
3744330.92        2.26320
         387513.28    3744380.92        1.98782                    387513.28
3744430.92        1.77444
         387513.28    3744480.92        1.60153                    387563.28
3744230.92        3.38248
         387563.28    3744280.92        2.85227                    387563.28
3744330.92        2.45518
         387563.28    3744380.92        2.15368                    387563.28
3744430.92        1.91587
         387563.28    3744480.92        1.71994                    387563.28
3744530.92        1.55296
         387563.28    3744580.92        1.40764                    387563.28
3744630.92        1.28013
         387613.28    3744230.92        3.73475                    387613.28
3744280.92        3.13112
         387613.28    3744330.92        2.68477                    387613.28
3744380.92        2.34402
         387613.28    3744430.92        2.07188                    387613.28
3744480.92        1.84575
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         387613.28    3744530.92        1.65327                        387613.28
3744580.92        1.48765
         387613.28    3744630.92        1.34428                        387613.28
3744680.92        1.21980
         387663.28    3744330.92        2.95347                        387663.28
3744380.92        2.55716
         387663.28    3744430.92        2.23949                        387663.28
3744480.92        1.97646
         387663.28    3744530.92        1.75549                        387663.28
3744580.92        1.56836
         387663.28    3744630.92        1.40879                        387663.28
3744680.92        1.27202
         387713.28    3744480.92        2.11116                        387713.28
3744530.92        1.85950
         387713.28    3744580.92        1.65000                        387713.28
3744630.92        1.47383
         387713.28    3744680.92        1.32481                        387763.28
3744580.92        1.73200
         387763.28    3744630.92        1.53949                        387763.28
3744680.92        1.37810
         387813.28    3744680.92        1.43083                        387465.01
3744212.81        3.01716
         387515.01    3744212.81        3.29949                        387565.01
3744212.81        3.62463
         387615.01    3744212.81        4.01813                        387436.03
3744192.12        3.02701
         386968.99    3743502.23        0.77573                        386968.99
3743552.23        0.82185
         386968.99    3743602.23        0.86522                        386968.99
3743652.23        0.90523
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:51:24

                                    PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):     L0000450    , L0000451
, L0000452    , L0000453    , L0000454    ,
                  L0000455    , L0000456    , L0000457    , L0000458    , L0000459
, L0000460    , L0000461    , L0000462    ,
                  L0000463    , L0000464    , L0000465    , L0000466    , L0000467
, L0000468    , L0000469    , L0000470    ,
                  L0000471    , L0000472    , L0000473    , L0000474    , L0000475
, L0000476    , L0000477    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386968.99	3743702.23	0.94251	386968.99	3743752.23	0.97933
386968.99	3743802.23	1.01995	386968.99	3743852.23	1.06803
386968.99	3743902.23	1.12375	386968.99	3743952.23	1.18162
386968.99	3744002.23	1.23185	386968.99	3744052.23	1.26573
386968.99	3744102.23	1.28025	386968.99	3744152.23	1.27791
387018.99	3743502.23	0.81904	387018.99	3743552.23	0.87242
387018.99	3743602.23	0.92348	387018.99	3743652.23	0.97113
387018.99	3743702.23	1.01530	387018.99	3743752.23	1.05803
387018.99	3743802.23	1.10422	387018.99	3743852.23	1.15829
387018.99	3743902.23	1.22117	387018.99	3743952.23	1.28678
387018.99	3744002.23	1.34315	387018.99	3744052.23	1.38020
387018.99	3744102.23	1.39458	387018.99	3744152.23	1.38936
387068.99	3743502.23	0.86536	387068.99	3743552.23	0.92685
387068.99	3743602.23	0.98699	387068.99	3743652.23	1.04387
387068.99	3743702.23	1.09663	387068.99	3743752.23	1.14705
387068.99	3743802.23	1.20019	387068.99	3743852.23	1.26144
387068.99	3743902.23	1.33294	387068.99	3743952.23	1.40780
387068.99	3744002.23	1.47182	387068.99	3744052.23	1.51244
387068.99	3744102.23	1.52610	387068.99	3744152.23	1.51662
387118.99	3743502.23	0.91537	387118.99	3743552.23	0.98594
387118.99	3743602.23	1.05649	387118.99		

3743652.23   1.12460
         387118.99   3743702.23   1.18817   387118.99
3743752.23   1.24844
         387118.99   3743802.23   1.31041   387118.99
3743852.23   1.38059
         387118.99   3743902.23   1.46244   387118.99
3743952.23   1.54853
         387118.99   3744002.23   1.62167   387118.99
3744052.23   1.66644
         387118.99   3744102.23   1.67853   387118.99
3744152.23   1.66291
         387168.99   3743502.23   0.96879   387168.99
3743552.23   1.04952
         387168.99   3743602.23   1.13252   387168.99
3743652.23   1.21403
         387168.99   3743702.23   1.29135   387168.99
3743752.23   1.36437
         387168.99   3743802.23   1.43789   387168.99
3743852.23   1.51914
         387168.99   3743902.23   1.61373   387168.99
3743952.23   1.71374
         387168.99   3744002.23   1.79800   387168.99
3744052.23   1.84739
         387168.99   3744102.23   1.85686   387168.99
3744152.23   1.83184
         387218.99   3743502.23   1.02651   387218.99
3743552.23   1.11839
         387218.99   3743602.23   1.21566   387218.99
3743652.23   1.31327
         387218.99   3743702.23   1.40781   387218.99
3743752.23   1.49762
         387218.99   3743802.23   1.58616   387218.99
3743852.23   1.68193
         387218.99   3743902.23   1.79250   387218.99
3743952.23   1.90994
         387218.99   3744002.23   2.00800   387218.99
3744052.23   2.06227
         387218.99   3744102.23   2.06678   387218.99
3744152.23   2.02760

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):   L0000450   , L0000451

```
, L0000452    , L0000453    , L0000454    ,
                L0000455    , L0000456    , L0000457    , L0000458    , L0000459
, L0000460    , L0000461    , L0000462    ,
                L0000463    , L0000464    , L0000465    , L0000466    , L0000467
, L0000468    , L0000469    , L0000470    ,
                L0000471    , L0000472    , L0000473    , L0000474    , L0000475
, L0000476    , L0000477    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         387268.99    3743502.23        1.08939                       387268.99
3743552.23        1.19312
         387268.99    3743602.23        1.30657                       387268.99
3743652.23        1.42365
         387268.99    3743702.23        1.53984                       387268.99
3743752.23        1.65175
         387268.99    3743802.23        1.76041                       387268.99
3743852.23        1.87505
         387268.99    3743902.23        2.00596                       387268.99
3743952.23        2.14571
         387268.99    3744002.23        2.26129                       387268.99
3744052.23        2.32049
         387268.99    3744102.23        2.31618                       387268.99
3744152.23        2.25520
         387318.99    3743552.23        1.27650                       387318.99
3743602.23        1.40687
         387318.99    3743652.23        1.54612                       387318.99
3743702.23        1.68951
         387318.99    3743752.23        1.83064                       387318.99
3743802.23        1.96717
         387318.99    3743852.23        2.10692                       387318.99
3743902.23        2.26431
         387318.99    3743952.23        2.43292                       387318.99
3744002.23        2.57095
         387318.99    3744052.23        2.63534                       387318.99
3744102.23        2.61562
         387318.99    3744152.23        2.52041                       387368.99
3743652.23        1.68539
         387368.99    3743702.23        1.86070                       387368.99
3743752.23        2.03935
         387368.99    3743802.23        2.21411                       387368.99
3743852.23        2.38885
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         387368.99    3743902.23        2.58203                    387368.99
3743952.23        2.78952
         387368.99    3744002.23        2.95642                    387357.30
3743511.78        1.24014
         387407.30    3743561.78        1.47608                    387407.30
3743611.78        1.64837
         387453.88    3743868.51        3.12466                    387453.88
3743918.51        3.42482
         387453.88    3743968.51        3.72759                    387453.88
3744018.51        3.91652
         387453.88    3744068.51        3.90533                    387503.88
3743968.51        4.48461
         387503.88    3744018.51        4.70979                    387503.88
3744068.51        4.62632
         387503.88    3744118.51        4.25780                    387553.88
3744068.51        5.57899
         387553.88    3744118.51        4.93513                    387015.27
3744263.55        1.31765
         387015.27    3744313.55        1.26485                    387015.27
3744363.55        1.19505
         387015.27    3744413.55        1.11088                    387015.27
3744463.55        1.01916
         387015.27    3744513.55        0.92778                    387015.27
3744563.55        0.84367
         387015.27    3744613.55        0.77078                    387015.27
3744663.55        0.71034
         387015.27    3744713.55        0.66126                    387015.27
3744763.55        0.62139
         387015.27    3744813.55        0.58838                    387015.27
3744863.55        0.56014
         387065.27    3744263.55        1.42157                    387065.27
3744313.55        1.35220
         387065.27    3744363.55        1.26376                    387065.27
3744413.55        1.16207
         387065.27    3744463.55        1.05676                    387065.27
3744513.55        0.95682
         387065.27    3744563.55        0.86875                    387065.27
3744613.55        0.79503
         387065.27    3744663.55        0.73520                    387065.27
3744713.55        0.68694
         387065.27    3744763.55        0.64739                    387065.27
3744813.55        0.61393
         387065.27    3744863.55        0.58454                    387115.27
3744263.55        1.53526
         387115.27    3744313.55        1.44440                    387115.27
3744363.55        1.33364
         387115.27    3744413.55        1.21309                    387115.27
3744463.55        1.09473
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387115.27	3744513.55	0.98791	387115.27	3744563.55	0.89742
387115.27	3744613.55	0.82380	387115.27	3744663.55	0.76470
387115.27	3744713.55	0.71680	387115.27	3744763.55	0.67675
387115.27	3744813.55	0.64195	387115.27	3744863.55	0.61059
387165.27	3744263.55	1.65863	387165.27	3744313.55	1.54059
387165.27	3744363.55	1.40428	387165.27	3744413.55	1.26450
387165.27	3744463.55	1.13457	387165.27	3744513.55	1.02273
387165.27	3744563.55	0.93122	387165.27	3744613.55	0.85807
387165.27	3744663.55	0.79930	387165.27	3744713.55	0.75082
387165.27	3744763.55	0.70919	387165.27	3744813.55	0.67203
387165.27	3744863.55	0.63790	387215.27	3744263.55	1.79121
387215.27	3744313.55	1.63987	387215.27		

3744363.55 1.47588
387215.27 3744413.55 1.31759 387215.27
3744463.55 1.17834
387215.27 3744513.55 1.06335 387215.27
3744563.55 0.97160
387215.27 3744613.55 0.89861 387215.27
3744663.55 0.83908
387215.27 3744713.55 0.78869 387215.27
3744763.55 0.74422
387215.27 3744813.55 0.70368 387215.27
3744863.55 0.66599
387265.27 3744263.55 1.93209 387265.27
3744313.55 1.74167
387265.27 3744363.55 1.54916 387265.27
3744413.55 1.37462
387265.27 3744463.55 1.22864 387265.27
3744513.55 1.11191
387265.27 3744563.55 1.01975 387265.27
3744613.55 0.94567
387265.27 3744663.55 0.88377 387265.27
3744713.55 0.82986
387265.27 3744763.55 0.78120 387265.27
3744813.55 0.73631
387265.27 3744863.55 0.69444 387315.27
3744263.55 2.08045
387315.27 3744313.55 1.84665 387315.27
3744363.55 1.62681
387315.27 3744413.55 1.43912 387315.27
3744463.55 1.28844
387315.27 3744513.55 1.17022 387315.27
3744563.55 1.07634
387315.27 3744613.55 0.99915 387315.27
3744663.55 0.93278
387315.27 3744713.55 0.87363 387315.27
3744763.55 0.81953
387315.27 3744813.55 0.76944 387315.27
3744863.55 0.72289
387365.27 3744263.55 2.23577 387365.27
3744313.55 1.95700
387365.27 3744363.55 1.71301 387365.27
3744413.55 1.51516
387365.27 3744463.55 1.36054 387365.27
3744513.55 1.23929
387365.27 3744563.55 1.14120 387365.27
3744613.55 1.05823
387365.27 3744663.55 0.98511 387365.27
3744713.55 0.91905
387365.27 3744763.55 0.85844 387365.27
3744813.55 0.80256
387365.27 3744863.55 0.75100 387415.27

3744313.55   2.07783
387415.27   3744363.55   1.81339   387415.27
3744413.55   1.60683
387415.27   3744463.55   1.44679   387415.27
3744513.55   1.31932
387415.27   3744563.55   1.21345   387415.27
3744613.55   1.12169

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE   ***

INCLUDING SOURCE(S):   L0000450   , L0000451   , L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   , L0000462   , L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   , L0000470   , L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387415.27	3744663.55	1.03967	387415.27	3744713.55	0.96531
387415.27	3744763.55	0.89741	387415.27	3744813.55	0.83533
387415.27	3744863.55	0.77861	387465.27	3744513.55	1.40943
387465.27	3744563.55	1.29168	387465.27	3744613.55	1.18816
387465.27	3744663.55	1.09540	387465.27	3744713.55	1.01173
387465.27	3744763.55	0.93603	387465.27	3744813.55	0.86759
387465.27	3744863.55	0.80571	387515.27	3744663.55	1.15148

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         387515.27    3744713.55        1.05786                    387515.27
3744763.55        0.97418
         387515.27    3744813.55        0.89936                    387515.27
3744863.55        0.83241
         387565.27    3744813.55        0.93083                    387565.27
3744863.55        0.85893
         387524.44    3742913.36        0.55643                    387574.44
3742963.36        0.61523
         387574.44    3743013.36        0.66164                    387624.44
3742963.36        0.63552
         387624.44    3743013.36        0.68499                    387624.44
3743063.36        0.74063
         387674.44    3742963.36        0.65711                    387674.44
3743013.36        0.70971
         387674.44    3743063.36        0.76924                    387674.44
3743113.36        0.83689
         387724.44    3742963.36        0.68157                    387724.44
3743013.36        0.73744
         387724.44    3743063.36        0.80100                    387724.44
3743113.36        0.87361
         387774.44    3742963.36        0.71030                    387774.44
3743013.36        0.76987
         387774.44    3743063.36        0.83793                    387774.44
3743113.36        0.91614
         387774.44    3743163.36        1.00657                    387824.44
3742963.36        0.74474
         387824.44    3743013.36        0.80865                    387824.44
3743063.36        0.88196
         387824.44    3743113.36        0.96664                    387824.44
3743163.36        1.06517
         387824.44    3743213.36        1.18082                    387874.44
3742963.36        0.78603
         387874.44    3743013.36        0.85497                    387874.44
3743063.36        0.93438
         387874.44    3743113.36        1.02649                    387874.44
3743163.36        1.13436
         387874.44    3743213.36        1.26193                    387874.44
3743263.36        1.41417
         387924.44    3742963.36        0.83489                    387924.44
3743013.36        0.90977
         387924.44    3743063.36        0.99628                    387924.44
3743113.36        1.09702
         387924.44    3743163.36        1.21541                    387924.44
3743213.36        1.35616
         387924.44    3743263.36        1.52549                    387924.44
3743313.36        1.73200
         387974.44    3742963.36        0.89198                    387974.44
3743013.36        0.97389
         387974.44    3743063.36        1.06875                    387974.44
3743113.36        1.17954
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387974.44	3743163.36	1.31011	387974.44	3743213.36	1.46606
387974.44	3743263.36	1.65431	387974.44	3743313.36	1.88489
387974.44	3743363.36	2.17233	388024.44	3742963.36	0.95675
388024.44	3743013.36	1.04702	388024.44	3743063.36	1.15176
388024.44	3743113.36	1.27417	388024.44	3743163.36	1.41939
388024.44	3743213.36	1.59336	388024.44	3743263.36	1.80374
388024.44	3743313.36	2.06291	388024.44	3743363.36	2.38681
388024.44	3743413.36	2.80093	388074.44	3742963.36	1.02664
388074.44	3743013.36	1.12631	388074.44	3743063.36	1.24228
388074.44	3743113.36	1.37863	388074.44	3743163.36	1.54116
388074.44	3743213.36	1.73601	388074.44		

3743263.36 1.97329
388074.44 3743313.36 2.26679 388074.44
3743363.36 2.63716
388074.44 3743413.36 3.11320 388074.44
3743463.36 3.74401
388124.44 3742963.36 1.09791 388124.44
3743013.36 1.20743
388124.44 3743063.36 1.33534 388124.44
3743113.36 1.48748
388124.44 3743163.36 1.66790 388124.44
3743213.36 1.88546
388124.44 3743263.36 2.15278 388124.44
3743313.36 2.48613
388124.44 3743363.36 2.90849 388124.44
3743413.36 3.45932
388174.44 3742963.36 1.16673 388174.44
3743013.36 1.28650
388174.44 3743063.36 1.42617 388174.44
3743113.36 1.59195
388174.44 3743163.36 1.78938 388174.44
3743213.36 2.03002
388174.44 3743263.36 2.32688 388174.44
3743313.36 2.69844
388174.44 3743363.36 3.17461 388174.44
3743413.36 3.79942
388224.44 3742963.36 1.23038 388224.44
3743013.36 1.35854
388224.44 3743063.36 1.50633 388224.44
3743113.36 1.68694
388224.44 3743163.36 1.90052 388224.44
3743213.36 2.16196
388224.44 3743263.36 2.48558 388224.44
3743313.36 2.89250
388224.44 3743363.36 3.41481 388274.44
3742963.36 1.28698
388274.44 3743013.36 1.42327 387475.71
3743311.02 0.97633
387490.71 3743311.02 0.99279 387451.13
3743316.16 0.95821
387379.86 3743317.08 0.88691 387399.86
3743317.08 0.90649
387419.86 3743317.08 0.92674 387439.86
3743317.08 0.94766
387019.21 3742972.33 0.41560 387019.21
3743022.33 0.43755
387019.21 3743072.33 0.46192 387019.21
3743122.33 0.48926
387019.21 3743172.33 0.51988 387019.21
3743222.33 0.55440
387019.21 3743272.33 0.59292 387019.21

3743322.33   0.63574
         387069.21   3742972.33   0.43104   387069.21
3743022.33   0.45408
         387069.21   3743072.33   0.47958   387069.21
3743122.33   0.50813
         387069.21   3743172.33   0.54019   387069.21
3743222.33   0.57642
         387069.21   3743272.33   0.61715   387069.21
3743322.33   0.66290
         387119.21   3742972.33   0.44729   387119.21
3743022.33   0.47182
         387119.21   3743072.33   0.49871   387119.21
3743122.33   0.52862
         387119.21   3743172.33   0.56225   387119.21
3743222.33   0.60038
         387119.21   3743272.33   0.64346   387119.21
3743322.33   0.69213
         387169.21   3742972.33   0.46446   387169.21
3743022.33   0.49048
         387169.21   3743072.33   0.51907   387169.21
3743122.33   0.55089
         387169.21   3743172.33   0.58636   387169.21
3743222.33   0.62650
         387169.21   3743272.33   0.67206   387169.21
3743322.33   0.72388

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):   L0000450   , L0000451
, L0000452   , L0000453   , L0000454   ,
                  L0000455   , L0000456   , L0000457   , L0000458   , L0000459
, L0000460   , L0000461   , L0000462   ,
                  L0000463   , L0000464   , L0000465   , L0000466   , L0000467
, L0000468   , L0000469   , L0000470   ,
                  L0000471   , L0000472   , L0000473   , L0000474   , L0000475
, L0000476   , L0000477   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387219.21	3742972.33	0.48253	387219.21	3743022.33	0.51036
387219.21	3743072.33	0.54087	387219.21	3743122.33	0.57465
387219.21	3743172.33	0.61234	387219.21	3743222.33	0.65499
387219.21	3743272.33	0.70333	387219.21	3743322.33	0.75855
387269.21	3742972.33	0.50131	387269.21	3743022.33	0.53123
387269.21	3743072.33	0.56401	387269.21	3743122.33	0.60026
387269.21	3743172.33	0.64055	387269.21	3743222.33	0.68598
387269.21	3743272.33	0.73763	387269.21	3743322.33	0.79667
387319.21	3742972.33	0.52070	387319.21	3743022.33	0.55295
387319.21	3743072.33	0.58832	387319.21	3743122.33	0.62737
387319.21	3743172.33	0.67076	387319.21	3743222.33	0.71965
387319.21	3743272.33	0.77503	387319.21	3743322.33	0.83847
387369.21	3742972.33	0.54045	387369.21	3743022.33	0.57539
387369.21	3743072.33	0.61367	387369.21	3743122.33	0.65597
387369.21	3743172.33	0.70300	387369.21	3743222.33	0.75589
387369.21	3743272.33	0.81580	387419.21	3742972.33	0.56058
387419.21	3743022.33	0.59832	387419.21	3743072.33	0.63981
387419.21	3743122.33	0.68578	387419.21	3743172.33	0.73695
387419.21	3743222.33	0.79448	387419.21	3743272.33	0.85966
387469.21	3743072.33	0.66649	387469.21	3743122.33	0.71664
387469.21	3743172.33	0.77246	387469.21	3743222.33	0.83537
387469.21	3743272.33	0.90677	387578.38	3743390.44	1.28713
387608.38	3743390.44	1.33685	387638.38	3743390.44	1.38915

```
         387369.87    3743365.20        0.95256                        387399.87
3743365.20        0.98558
         387429.87    3743365.20        1.02041                        387459.87
3743365.20        1.05715
         387489.87    3743365.20        1.09578                        387489.87
3743395.20        1.16215
         388754.52    3743939.25        1.24628                        388754.52
3743989.25        1.02988
         388754.52    3744039.25        0.94156                        388754.52
3744089.25        1.21956
         388754.52    3744139.25        1.14437                        388754.52
3744189.25        1.08558
         388804.52    3743889.25        1.28638                        388804.52
3743939.25        1.05886
         388804.52    3743989.25        0.87320                        388804.52
3744039.25        0.74199
         388804.52    3744089.25        0.71241                        388804.52
3744139.25        1.03281
         388804.52    3744189.25        0.98255                        388804.52
3744239.25        0.93983
         388804.52    3744289.25        0.90015                        388854.52
3743889.25        1.12917
         388854.52    3743939.25        0.93652                        388854.52
3743989.25        0.77707
         388854.52    3744039.25        0.66139                        388854.52
3744089.25        0.59232
         388854.52    3744139.25        0.69614                        388854.52
3744189.25        0.89429
         388854.52    3744239.25        0.85744                        388854.52
3744289.25        0.82387
         388854.52    3744339.25        0.79142                        388904.52
3743889.25        1.00324
         388904.52    3743939.25        0.84029                        388904.52
3743989.25        0.69962
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24

                                   PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000450    , L0000451
, L0000452    , L0000453    , L0000454    ,
                  L0000455    , L0000456    , L0000457    , L0000458    , L0000459
, L0000460    , L0000461    , L0000462    ,
                  L0000463    , L0000464    , L0000465    , L0000466    , L0000467
, L0000468    , L0000469    , L0000470    ,
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L0000471 , L0000472 , L0000473 , L0000474 , L0000475
, L0000476 , L0000477 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388904.52	3744039.25	0.59527	388904.52	3744089.25	0.53011
388904.52	3744139.25	0.49389	388904.52	3744189.25	0.53435
388904.52	3744239.25	0.59091	388904.52	3744289.25	0.68628
388904.52	3744339.25	0.72953	388904.52	3744389.25	0.70200
388904.52	3744439.25	0.67469	388954.52	3743939.25	0.75725
388954.52	3743989.25	0.62781	388954.52	3744039.25	0.53260
388954.52	3744089.25	0.47184	388954.52	3744139.25	0.43585
388882.82	3743721.97	1.74681	388882.82	3743771.97	1.49017
388932.82	3743721.97	1.49357	388932.82	3743771.97	1.29821
388932.82	3743821.97	1.13543	387765.02	3743382.77	1.61434
387815.02	3743382.77	1.74274	387815.02	3743432.77	2.00078
387865.02	3743382.77	1.89475	387865.02	3743432.77	2.19277
387915.02	3743382.77	2.06881	387915.02	3743432.77	2.41361
387965.02	3743432.77	2.65840	387713.39	3743372.67	1.46727
387763.39	3743422.67	1.78696	387583.29	3743113.63	0.77794
387583.29	3743163.63	0.84472	387583.29	3743213.63	0.92065
387583.29	3743263.63	1.00729	387633.29	3743163.63	0.88234
387633.29	3743213.63	0.96519	387633.29	3743263.63	1.06048
387633.29	3743313.63	1.17103	387683.29		

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3743263.63        1.11674
         387683.29    3743313.63        1.23878                          388242.48
3743969.33       14.63648
         388242.48    3744019.33       10.57970                          388242.48
3744069.33        8.43808
         388242.48    3744119.33        6.88980                          388242.48
3744169.33        5.69463
         388242.48    3744219.33        4.75851                          388242.48
3744269.33        4.02134
         388242.48    3744319.33        3.43593                          388242.48
3744369.33        2.96684
         388242.48    3744419.33        2.58549                          388242.48
3744469.33        2.27211
         388292.48    3743969.33        9.55172                          388292.48
3744019.33        7.34197
         388292.48    3744069.33        6.11464                          388292.48
3744119.33        5.22236
         388292.48    3744169.33        4.49516                          388292.48
3744219.33        3.88800
         388292.48    3744269.33        3.38070                          388292.48
3744319.33        2.95458
         388292.48    3744369.33        2.60306                          388292.48
3744419.33        2.30569
         388292.48    3744469.33        2.05402                          388292.48
3744519.33        1.83990
         388292.48    3744569.33        1.65626                          388780.42
3742965.27        1.91286
         388780.42    3743015.27        2.14801                          388780.42
3743065.27        2.42073
         388780.42    3743115.27        2.74027                          388780.42
3743165.27        3.11087
         388780.42    3743215.27        3.52790                          388830.42
3742965.27        1.97455
         388830.42    3743015.27        2.21576                          388830.42
3743065.27        2.49824
         388830.42    3743115.27        2.82347                          388830.42
3743165.27        3.18680
         388880.42    3742965.27        2.03724                          388880.42
3743015.27        2.28217
         388880.42    3743065.27        2.56493                          388880.42
3743115.27        2.87912
         388880.42    3743165.27        3.21382                          388930.42
3742965.27        2.09555
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***      14:51:24

                                   PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388930.42	3743015.27	2.34103	388930.42	3743065.27	2.61606
388930.42	3743115.27	2.90985	388930.42	3743165.27	3.20362

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387507.26	3743641.71	33.42368	387507.26	3743691.71	29.81033
387507.26	3743741.71	29.01018	387507.26	3743791.71	27.94129
387507.26	3743841.71	26.42133	387557.26	3743641.71	45.02478
387557.26	3743691.71	43.87501	387557.26	3743741.71	44.56318
387557.26	3743791.71	40.39691	387557.26	3743841.71	35.12698
387557.26	3743891.71	31.39503	387557.26	3743941.71	29.02508
387557.26	3743991.71	26.68990	387607.26	3743841.71	50.75882
387607.26	3743891.71	41.08005	387607.26	3743941.71	37.01496
387607.26	3743991.71	33.24222	387607.26	3744041.71	28.34745
387607.26	3744091.71	23.25380	387657.26	3743841.71	76.69680
387657.26	3743891.71	55.06187	387657.26	3743941.71	49.10647
387657.26	3743991.71	42.95147	387657.26	3744041.71	34.69623
387657.26	3744091.71	27.08692	387657.26	3744141.71	21.25600
387707.26	3743841.71	102.29141	387707.26	3743891.71	77.94515
387707.26	3743941.71	71.49552	387707.26	3743991.71	59.52055
387707.26	3744041.71	43.65710	387707.26	3744091.71	31.94724
387707.26	3744141.71	24.13611	387757.26	3743841.71	149.31710
387757.26	3743891.71	146.46437	387757.26	3743941.71	141.51480
387757.26	3743991.71	95.09528	387757.26	3744041.71	56.73721
387757.26	3744091.71	38.00464	387757.26	3744141.71	27.55782
387862.10	3744056.02	70.33517	387862.10	3744106.02	44.61661
387912.10	3744056.02	76.28715	387912.10	3744106.02	47.49611
387962.10	3744056.02	78.44774	387962.10		

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3744106.02       48.30411
         388012.10    3744056.02       73.92667                          388012.10
3744106.02       46.06470
         388062.10    3744056.02       63.10630                          388062.10
3744106.02       40.72814
         387863.31    3744015.45      117.34584                          387913.31
3744015.45      132.00030
         387963.31    3744015.45      137.38784                          388013.31
3744015.45      128.35286
         388063.31    3744015.45      104.94148                          387826.23
3744056.86       64.45634
         387826.23    3744106.86       41.44843                          387827.44
3744016.29      106.77072
         387689.52    3743645.82       48.70491                          387689.52
3743695.82       50.86595
         387689.52    3743745.82       63.16482                          387739.52
3743645.82       37.02865
         387739.52    3743695.82       43.88425                          387739.52
3743745.82       60.95199
         387789.52    3743645.82       34.65014                          387789.52
3743695.82       44.68374
         387789.52    3743745.82       68.29556                          387839.52
3743645.82       35.73209
         387839.52    3743695.82       49.30681                          387839.52
3743745.82       82.01908
         387889.52    3743645.82       38.35570                          387889.52
3743695.82       55.60151
         387889.52    3743745.82       96.67814                          387939.52
3743695.82       62.24351
         387939.52    3743745.82      104.62231                          387989.52
3743745.82      107.83668
         387692.61    3743778.61       85.58914                          387742.61
3743778.61       90.34354
         387792.61    3743778.61      109.61868                          387842.61
3743778.61      145.45336
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:51:24

                                  PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                  L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                  L0000583    , L0000584    , L0000585    , L0000586    , L0000587
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, L0000588 , L0000589 , L0000590 ,
L0000591 , L0000592 , L0000593 , L0000594 , L0000595
, L0000596 , L0000597 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387892.61	3743778.61	162.20581	387942.61	3743778.61	165.40164
387992.61	3743778.61	168.00833	387654.54	3743692.47	68.66411
387654.54	3743742.47	74.77028	387705.59	3744244.86	15.18672
387705.59	3744294.86	12.68827	387755.59	3744244.86	16.66965
387755.59	3744294.86	13.73788	387755.59	3744344.86	11.54236
387755.59	3744394.86	9.84854	387805.59	3744294.86	14.73475
387805.59	3744344.86	12.24526	387805.59	3744394.86	10.35493
387805.59	3744444.86	8.88508	387805.59	3744494.86	7.71917
387805.59	3744544.86	6.77742	387855.59	3744444.86	9.19609
387855.59	3744494.86	7.95807	387855.59	3744544.86	6.96580
387855.59	3744594.86	6.15705	387905.59	3744544.86	7.09665
387905.59	3744594.86	6.26331	387905.59	3744644.86	5.57494
387905.59	3744694.86	5.00062	387955.59	3744644.86	5.61581
387463.28	3744230.92	10.44244	387463.28	3744280.92	9.01110
387463.28	3744330.92	7.86865	387513.28	3744230.92	11.30912
387513.28	3744280.92	9.69001	387513.28	3744330.92	8.43360
387513.28	3744380.92	7.44871	387513.28	3744430.92	6.65630
387513.28	3744480.92	5.99464	387563.28	3744230.92	12.29871

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         387563.28    3744280.92       10.46760                    387563.28
3744330.92        9.07502
         387563.28    3744380.92        7.98210                    387563.28
3744430.92        7.09317
         387563.28    3744480.92        6.34940                    387563.28
3744530.92        5.71564
         387563.28    3744580.92        5.16829                    387563.28
3744630.92        4.69335
         387613.28    3744230.92       13.43974                    387613.28
3744280.92       11.36257
         387613.28    3744330.92        9.79150                    387613.28
3744380.92        8.55573
         387613.28    3744430.92        7.55014                    387613.28
3744480.92        6.71190
         387613.28    3744530.92        6.00232                    387613.28
3744580.92        5.39753
         387613.28    3744630.92        4.87865                    387613.28
3744680.92        4.43143
         387663.28    3744330.92       10.57398                    387663.28
3744380.92        9.15872
         387663.28    3744430.92        8.01542                    387663.28
3744480.92        7.07193
         387663.28    3744530.92        6.28452                    387663.28
3744580.92        5.62226
         387663.28    3744630.92        5.06045                    387663.28
3744680.92        4.58042
         387713.28    3744480.92        7.42469                    387713.28
3744530.92        6.55919
         387713.28    3744580.92        5.84031                    387713.28
3744630.92        5.23624
         387713.28    3744680.92        4.72476                    387763.28
3744580.92        6.04598
         387763.28    3744630.92        5.40283                    387763.28
3744680.92        4.86130
         387813.28    3744680.92        4.98421                    387465.01
3744212.81       11.06495
         387515.01    3744212.81       12.03257                    387565.01
3744212.81       13.13593
         387615.01    3744212.81       14.40630                    387436.03
3744192.12       11.20050
         386968.99    3743502.23        5.72389                    386968.99
3743552.23        5.80799
         386968.99    3743602.23        5.84038                    386968.99
3743652.23        5.84821
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                       ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:51:24

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 ,
L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 ,
L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
386968.99	3743702.23	5.84823	386968.99	3743752.23	5.85238
386968.99	3743802.23	5.87142	386968.99	3743852.23	5.90431
386968.99	3743902.23	5.93811	386968.99	3743952.23	5.95071
386968.99	3744002.23	5.91898	386968.99	3744052.23	5.83031
386968.99	3744102.23	5.68619	386968.99	3744152.23	5.49620
387018.99	3743502.23	6.37538	387018.99	3743552.23	6.42697
387018.99	3743602.23	6.44824	387018.99	3743652.23	6.45282
387018.99	3743702.23	6.44468	387018.99	3743752.23	6.43601
387018.99	3743802.23	6.44451	387018.99	3743852.23	6.47058
387018.99	3743902.23	6.50020	387018.99	3743952.23	6.50628
387018.99	3744002.23	6.45900	387018.99	3744052.23	6.34507
387018.99	3744102.23	6.16652	387018.99	3744152.23	5.93465
387068.99	3743502.23	7.15370	387068.99	3743552.23	7.16149
387068.99	3743602.23	7.17438	387068.99		

3743652.23 7.17113
387068.99 3743702.23 7.14525 387068.99
3743752.23 7.11716
387068.99 3743802.23 7.11093 387068.99
3743852.23 7.12813
387068.99 3743902.23 7.15212 387068.99
3743952.23 7.14820
387068.99 3744002.23 7.08129 387068.99
3744052.23 6.93399
387068.99 3744102.23 6.71047 387068.99
3744152.23 6.42471
387118.99 3743502.23 8.10393 387118.99
3743552.23 8.06548
387118.99 3743602.23 8.06185 387118.99
3743652.23 8.03556
387118.99 3743702.23 7.97665 387118.99
3743752.23 7.91984
387118.99 3743802.23 7.89558 387118.99
3743852.23 7.90237
387118.99 3743902.23 7.91672 387118.99
3743952.23 7.89732
387118.99 3744002.23 7.80254 387118.99
3744052.23 7.61171
387118.99 3744102.23 7.32935 387118.99
3744152.23 6.97455
387168.99 3743502.23 9.31682 387168.99
3743552.23 9.20832
387168.99 3743602.23 9.16312 387168.99
3743652.23 9.08283
387168.99 3743702.23 8.97090 387168.99
3743752.23 8.87592
387168.99 3743802.23 8.83178 387168.99
3743852.23 8.82367
387168.99 3743902.23 8.82209 387168.99
3743952.23 8.77945
387168.99 3744002.23 8.64588 387168.99
3744052.23 8.39666
387168.99 3744102.23 8.03785 387168.99
3744152.23 7.59267
387218.99 3743502.23 10.95085 387218.99
3743552.23 10.69494
387218.99 3743602.23 10.55203 387218.99
3743652.23 10.36900
387218.99 3743702.23 10.17481 387218.99
3743752.23 10.03316
387218.99 3743802.23 9.96392 387218.99
3743852.23 9.93560
387218.99 3743902.23 9.90747 387218.99
3743952.23 9.82955
387218.99 3744002.23 9.64216 387218.99

3744052.23   9.31291
         387218.99   3744102.23   8.85134   387218.99
3744152.23   8.28842

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                  L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                  L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                  L0000591   , L0000592   , L0000593   , L0000594   , L0000595
, L0000596   , L0000597   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         387268.99   3743502.23   13.21332   387268.99
3743552.23   12.67187
         387268.99   3743602.23   12.34245   387268.99
3743652.23   11.97713
         387268.99   3743702.23   11.66111   387268.99
3743752.23   11.46226
         387268.99   3743802.23   11.35905   387268.99
3743852.23   11.29559
         387268.99   3743902.23   11.22375   387268.99
3743952.23   11.09410
         387268.99   3744002.23   10.83160   387268.99
3744052.23   10.39112
         387268.99   3744102.23   9.79024   387268.99
3744152.23   9.07300
         387318.99   3743552.23   15.44847   387318.99
3743602.23   14.73464
         387318.99   3743652.23   14.02029   387318.99
3743702.23   13.53238

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         387318.99    3743752.23       13.26194                    387318.99
3743802.23       13.11215
         387318.99    3743852.23       12.98805                    387318.99
3743902.23       12.84602
         387318.99    3743952.23       12.63747                    387318.99
3744002.23       12.26643
         387318.99    3744052.23       11.67229                    387318.99
3744102.23       10.88080
         387318.99    3744152.23        9.95986                    387368.99
3743652.23       16.76398
         387368.99    3743702.23       15.97498                    387368.99
3743752.23       15.59317
         387368.99    3743802.23       15.36734                    387368.99
3743852.23       15.14278
         387368.99    3743902.23       14.88698                    387368.99
3743952.23       14.55598
         387368.99    3744002.23       14.02052                    387357.30
3743511.78       19.30574
         387407.30    3743561.78       24.98664                    387407.30
3743611.78       21.46717
         387453.88    3743868.51       20.34284                    387453.88
3743918.51       19.61618
         387453.88    3743968.51       18.79441                    387453.88
3744018.51       17.61610
         387453.88    3744068.51       16.04030                    387503.88
3743968.51       22.49392
         387503.88    3744018.51       20.71975                    387503.88
3744068.51       18.46126
         387503.88    3744118.51       16.00354                    387553.88
3744068.51       21.50976
         387553.88    3744118.51       18.11094                    387015.27
3744263.55        5.25232
         387015.27    3744313.55        4.91018                    387015.27
3744363.55        4.54793
         387015.27    3744413.55        4.18057                    387015.27
3744463.55        3.82721
         387015.27    3744513.55        3.50345                    387015.27
3744563.55        3.21932
         387015.27    3744613.55        2.97696                    387015.27
3744663.55        2.77336
         387015.27    3744713.55        2.60181                    387015.27
3744763.55        2.45497
         387015.27    3744813.55        2.32637                    387015.27
3744863.55        2.21092
         387065.27    3744263.55        5.59976                    387065.27
3744313.55        5.19274
         387065.27    3744363.55        4.77178                    387065.27
3744413.55        4.35736
         387065.27    3744463.55        3.97125                    387065.27
3744513.55        3.62778
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
387115.27	3744513.55	3.76488	387115.27	3744563.55	3.46219
387115.27	3744613.55	3.21025	387115.27	3744663.55	2.99866
387115.27	3744713.55	2.81727	387115.27	3744763.55	2.65751
387115.27	3744813.55	2.51333	387115.27	3744863.55	2.38081
387165.27	3744263.55	6.37103	387165.27		

3744313.55 5.80192
387165.27 3744363.55 5.24743 387165.27
3744413.55 4.73824
387165.27 3744463.55 4.29342 387165.27
3744513.55 3.91857
387165.27 3744563.55 3.60779 387165.27
3744613.55 3.34929
387165.27 3744663.55 3.13002 387165.27
3744713.55 2.93913
387165.27 3744763.55 2.76848 387165.27
3744813.55 2.61282
387165.27 3744863.55 2.46898 387215.27
3744263.55 6.79695
387215.27 3744313.55 6.13081 387215.27
3744363.55 5.50559
387215.27 3744413.55 4.95121 387215.27
3744463.55 4.48138
387215.27 3744513.55 4.09272 387215.27
3744563.55 3.77233
387215.27 3744613.55 3.50396 387215.27
3744663.55 3.27294
387215.27 3744713.55 3.06872 387215.27
3744763.55 2.88406
387215.27 3744813.55 2.71463 387215.27
3744863.55 2.55794
387265.27 3744263.55 7.25224 387265.27
3744313.55 6.48008
387265.27 3744363.55 5.78354 387265.27
3744413.55 5.18715
387265.27 3744463.55 4.69418 387265.27
3744513.55 4.29066
387265.27 3744563.55 3.95680 387265.27
3744613.55 3.67344
387265.27 3744663.55 3.42581 387265.27
3744713.55 3.20424
387265.27 3744763.55 3.00261 387265.27
3744813.55 2.81750
387265.27 3744863.55 2.64682 387315.27
3744263.55 7.74138
387315.27 3744313.55 6.85648 387315.27
3744363.55 6.08982
387315.27 3744413.55 5.45372 387315.27
3744463.55 4.93669
387315.27 3744513.55 4.51423 387315.27
3744563.55 4.16072
387315.27 3744613.55 3.85615 387315.27
3744663.55 3.58661
387315.27 3744713.55 3.34384 387315.27
3744763.55 3.12275
387315.27 3744813.55 2.92045 387315.27

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3744863.55        2.73503
         387365.27    3744263.55        8.27071                      387365.27
3744313.55        7.26908
         387365.27    3744363.55        6.43407                      387365.27
3744413.55        5.75791
         387365.27    3744463.55        5.21224                      387365.27
3744513.55        4.76293
         387365.27    3744563.55        4.38182                      387365.27
3744613.55        4.04916
         387365.27    3744663.55        3.75263                      387365.27
3744713.55        3.48537
         387365.27    3744763.55        3.24296                      387365.27
3744813.55        3.02258
         387365.27    3744863.55        2.82204                      387415.27
3744313.55        7.73063
         387415.27    3744363.55        6.82635                      387415.27
3744413.55        6.10499
         387415.27    3744463.55        5.52136                      387415.27
3744513.55        5.03457
         387415.27    3744563.55        4.61654                      387415.27
3744613.55        4.24905
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:51:24

                                    PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                  L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                  L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                  L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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387415.27 3744663.55 3.92131 387415.27
3744713.55 3.62717
387415.27 3744763.55 3.36228 387415.27
3744813.55 3.12338
387415.27 3744863.55 2.90770 387465.27
3744513.55 5.32486
387465.27 3744563.55 4.86066 387465.27
3744613.55 4.45250
387465.27 3744663.55 4.09039 387465.27
3744713.55 3.76791
387465.27 3744763.55 3.48004 387465.27
3744813.55 3.22266
387465.27 3744863.55 2.99206 387515.27
3744663.55 4.25816
387515.27 3744713.55 3.90679 387515.27
3744763.55 3.59601
387515.27 3744813.55 3.32044 387515.27
3744863.55 3.07530
387565.27 3744813.55 3.41685 387565.27
3744863.55 3.15758
387524.44 3742913.36 4.32201 387574.44
3742963.36 5.41122
387574.44 3743013.36 6.47277 387624.44
3742963.36 5.81215
387624.44 3743013.36 6.98238 387624.44
3743063.36 8.63221
387674.44 3742963.36 6.19398 387674.44
3743013.36 7.43418
387674.44 3743063.36 9.10571 387674.44
3743113.36 11.31205
387724.44 3742963.36 6.55335 387724.44
3743013.36 7.81422
387724.44 3743063.36 9.41907 387724.44
3743113.36 11.36740
387774.44 3742963.36 6.87769 387774.44
3743013.36 8.10700
387774.44 3743063.36 9.57096 387774.44
3743113.36 11.19431
387774.44 3743163.36 12.79836 387824.44
3742963.36 7.15463
387824.44 3743013.36 8.30623 387824.44
3743063.36 9.58539
387824.44 3743113.36 10.89072 387824.44
3743163.36 12.08772
387824.44 3743213.36 13.10704 387874.44
3742963.36 7.37589
387874.44 3743013.36 8.41946 387874.44
3743063.36 9.50858
387874.44 3743113.36 10.55928 387874.44
3743163.36 11.51420

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         387874.44    3743213.36       12.40651                       387874.44
3743263.36       13.36759
         387924.44    3742963.36        7.53925                       387924.44
3743013.36        8.46655
         387924.44    3743063.36        9.39305                       387924.44
3743113.36       10.27345
         387924.44    3743163.36       11.11068                       387924.44
3743213.36       11.97882
         387924.44    3743263.36       12.99052                       387924.44
3743313.36       14.24082
         387974.44    3742963.36        7.65167                       387974.44
3743013.36        8.47286
         387974.44    3743063.36        9.27962                       387974.44
3743113.36       10.06416
         387974.44    3743163.36       10.86237                       387974.44
3743213.36       11.75245
         387974.44    3743263.36       12.81137                       387974.44
3743313.36       14.09062
         387974.44    3743363.36       15.61880                       388024.44
3742963.36        7.72114
         388024.44    3743013.36        8.45764                       388024.44
3743063.36        9.18784
         388024.44    3743113.36        9.92706                       388024.44
3743163.36       10.72830
         388024.44    3743213.36       11.65312                       388024.44
3743263.36       12.75061
         388024.44    3743313.36       14.06225                       388024.44
3743363.36       15.63300
         388024.44    3743413.36       17.59330                       388074.44
3742963.36        7.75403
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:51:24

                                  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                   L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                   L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                   L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388074.44	3743013.36	8.42930	388074.44	3743063.36	9.11615
388074.44	3743113.36	9.84512	388074.44	3743163.36	10.66631
388074.44	3743213.36	11.62227	388074.44	3743263.36	12.75678
388074.44	3743313.36	14.11439	388074.44	3743363.36	15.78401
388074.44	3743413.36	17.94217	388074.44	3743463.36	20.92861
388124.44	3742963.36	7.75920	388124.44	3743013.36	8.39410
388124.44	3743063.36	9.06049	388124.44	3743113.36	9.79858
388124.44	3743163.36	10.63736	388124.44	3743213.36	11.62058
388124.44	3743263.36	12.79455	388124.44	3743313.36	14.22091
388124.44	3743363.36	16.01261	388124.44	3743413.36	18.39516
388174.44	3742963.36	7.74535	388174.44	3743013.36	8.35863
388174.44	3743063.36	9.01877	388174.44	3743113.36	9.75813
388174.44	3743163.36	10.61510	388174.44	3743213.36	11.62742
388174.44	3743263.36	12.84596	388174.44	3743313.36	14.34885
388174.44	3743363.36	16.28141	388174.44	3743413.36	18.86048
388224.44	3742963.36	7.71805	388224.44	3743013.36	8.31549
388224.44	3743063.36	8.95493	388224.44	3743113.36	9.72455
388224.44	3743163.36	10.59631	388224.44	3743213.36	11.63924
388224.44	3743263.36	12.90930	388224.44	3743313.36	14.49771
388224.44	3743363.36	16.54888	388274.44	3742963.36	7.67942
388274.44	3743013.36	8.27196	387475.71		

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3743311.02       63.72325
         387490.71    3743311.02       63.11660                       387451.13
3743316.16       72.19094
         387379.86    3743317.08       69.07137                       387399.86
3743317.08       71.32171
         387419.86    3743317.08       72.76525                       387439.86
3743317.08       73.64327
         387019.21    3742972.33        2.58709                       387019.21
3743022.33        2.81476
         387019.21    3743072.33        3.08783                       387019.21
3743122.33        3.41720
         387019.21    3743172.33        3.80162                       387019.21
3743222.33        4.22880
         387019.21    3743272.33        4.68769                       387019.21
3743322.33        5.19834
         387069.21    3742972.33        2.73772                       387069.21
3743022.33        2.99102
         387069.21    3743072.33        3.29798                       387069.21
3743122.33        3.67691
         387069.21    3743172.33        4.13978                       387069.21
3743222.33        4.68057
         387069.21    3743272.33        5.27493                       387069.21
3743322.33        5.94072
         387119.21    3742972.33        2.90094                       387119.21
3743022.33        3.18879
         387119.21    3743072.33        3.53930                       387119.21
3743122.33        3.97939
         387119.21    3743172.33        4.54181                       387119.21
3743222.33        5.24702
         387119.21    3743272.33        6.06932                       387119.21
3743322.33        7.00263
         387169.21    3742972.33        3.07625                       387169.21
3743022.33        3.40474
         387169.21    3743072.33        3.81149                       387169.21
3743122.33        4.33507
         387169.21    3743172.33        5.02976                       387169.21
3743222.33        5.97174
         387169.21    3743272.33        7.20485                       387169.21
3743322.33        8.70233
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                        ***       14:51:24

                                  PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000570    , L0000571
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, L0000572    , L0000573    , L0000574    ,
                L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         387219.21    3742972.33        3.26399                      387219.21
3743022.33        3.64157
         387219.21    3743072.33        4.11783                      387219.21
3743122.33        4.74588
         387219.21    3743172.33        5.62064                      387219.21
3743222.33        6.91913
         387219.21    3743272.33        8.93667                      387219.21
3743322.33       12.01411
         387269.21    3742972.33        3.47075                      387269.21
3743022.33        3.90746
         387269.21    3743072.33        4.47113                      387269.21
3743122.33        5.23781
         387269.21    3743172.33        6.35911                      387269.21
3743222.33        8.19222
         387269.21    3743272.33       11.73699                      387269.21
3743322.33       21.71268
         387319.21    3742972.33        3.70902                      387319.21
3743022.33        4.22028
         387319.21    3743072.33        4.90102                      387319.21
3743122.33        5.86484
         387319.21    3743172.33        7.36461                      387319.21
3743222.33       10.11323
         387319.21    3743272.33       16.95990                      387319.21
3743322.33       59.43880
         387369.21    3742972.33        3.98562                      387369.21
3743022.33        4.58767
         387369.21    3743072.33        5.41504                      387369.21
3743122.33        6.64121
         387369.21    3743172.33        8.67930                      387369.21
3743222.33       12.82052
         387369.21    3743272.33       24.71326                      387419.21
3742972.33        4.30756
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         387419.21    3743022.33        5.01197                     387419.21
3743072.33        6.00721
         387419.21    3743122.33        7.54192                     387419.21
3743172.33       10.23717
         387419.21    3743222.33       15.92710                     387419.21
3743272.33       30.43068
         387469.21    3743072.33        6.70518                     387469.21
3743122.33        8.60246
         387469.21    3743172.33       11.96112                     387469.21
3743222.33       18.54893
         387469.21    3743272.33       32.97129                     387578.38
3743390.44       40.94510
         387608.38    3743390.44       31.22362                     387638.38
3743390.44       26.17671
         387369.87    3743365.20       67.14915                     387399.87
3743365.20       69.03417
         387429.87    3743365.20       70.80708                     387459.87
3743365.20       73.74489
         387489.87    3743365.20       84.61077                     387489.87
3743395.20       74.04422
         388754.52    3743939.25        3.39781                     388754.52
3743989.25        2.88879
         388754.52    3744039.25        2.72682                     388754.52
3744089.25        3.62603
         388754.52    3744139.25        3.44025                     388754.52
3744189.25        3.28959
         388804.52    3743889.25        3.48851                     388804.52
3743939.25        2.91958
         388804.52    3743989.25        2.47632                     388804.52
3744039.25        2.17425
         388804.52    3744089.25        2.13716                     388804.52
3744139.25        3.14132
         388804.52    3744189.25        3.01139                     388804.52
3744239.25        2.89719
         388804.52    3744289.25        2.78894                     388854.52
3743889.25        3.10167
         388854.52    3743939.25        2.61244                     388854.52
3743989.25        2.22733
         388854.52    3744039.25        1.95770                     388854.52
3744089.25        1.79832
         388854.52    3744139.25        2.13513                     388854.52
3744189.25        2.76954
         388854.52    3744239.25        2.67010                     388854.52
3744289.25        2.57737
         388854.52    3744339.25        2.48666                     388904.52
3743889.25        2.78832
         388904.52    3743939.25        2.36958                     388904.52
3743989.25        2.02504
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
388904.52	3744039.25	1.77815	388904.52	3744089.25	1.62461
388904.52	3744139.25	1.53576	388904.52	3744189.25	1.66983
388904.52	3744239.25	1.85299	388904.52	3744289.25	2.13645
388904.52	3744339.25	2.31189	388904.52	3744389.25	2.23345
388904.52	3744439.25	2.15534	388954.52	3743939.25	2.15667
388954.52	3743989.25	1.83362	388954.52	3744039.25	1.60487
388954.52	3744089.25	1.45918	388954.52	3744139.25	1.36819
388882.82	3743721.97	4.67632	388882.82	3743771.97	4.04950
388932.82	3743721.97	4.07066	388932.82	3743771.97	3.58297
388932.82	3743821.97	3.15248	387765.02	3743382.77	18.50588
387815.02	3743382.77	17.52720	387815.02	3743432.77	19.83253
387865.02	3743382.77	16.90035	387865.02		

3743432.77 18.95270
387915.02 3743382.77 16.49811 387915.02
3743432.77 18.42988
387965.02 3743432.77 18.27186 387713.39
3743372.67 19.90857
387763.39 3743422.67 20.49808 387583.29
3743113.63 10.48594
387583.29 3743163.63 14.01939 387583.29
3743213.63 19.35399
387583.29 3743263.63 27.56953 387633.29
3743163.63 14.27345
387633.29 3743213.63 18.47163 387633.29
3743263.63 23.18113
387633.29 3743313.63 26.09069 387683.29
3743263.63 19.33598
387683.29 3743313.63 20.57803 388242.48
3743969.33 28.79534
388242.48 3744019.33 22.29446 388242.48
3744069.33 18.68422
388242.48 3744119.33 15.93460 388242.48
3744169.33 13.69606
388242.48 3744219.33 11.86019 388242.48
3744269.33 10.34646
388242.48 3744319.33 9.09996 388242.48
3744369.33 8.06626
388242.48 3744419.33 7.19702 388242.48
3744469.33 6.46046
388292.48 3743969.33 20.46313 388292.48
3744019.33 16.58051
388292.48 3744069.33 14.34073 388292.48
3744119.33 12.63929
388292.48 3744169.33 11.18597 388292.48
3744219.33 9.92868
388292.48 3744269.33 8.84650 388292.48
3744319.33 7.90924
388292.48 3744369.33 7.12019 388292.48
3744419.33 6.43625
388292.48 3744469.33 5.84156 388292.48
3744519.33 5.32259
388292.48 3744569.33 4.86848 388780.42
3742965.27 8.18205
388780.42 3743015.27 8.89082 388780.42
3743065.27 9.65604
388780.42 3743115.27 10.48198 388780.42
3743165.27 11.34842
388780.42 3743215.27 12.20505 388830.42
3742965.27 8.21272
388830.42 3743015.27 8.89826 388830.42
3743065.27 9.64558
388830.42 3743115.27 10.42655 388830.42

3743165.27   11.19622
        388880.42   3742965.27   8.23702   388880.42
3743015.27   8.88459
        388880.42   3743065.27   9.57441   388880.42
3743115.27   10.25617
        388880.42   3743165.27   10.88186   388930.42
3742965.27   8.22525

↑ *** AERMOD - VERSION 24142 ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                         ***   08/25/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   14:51:24

                                  PAGE 75
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                 L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                 L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                 L0000591   , L0000592   , L0000593   , L0000594   , L0000595
, L0000596   , L0000597   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
        388930.42   3743015.27   8.82610   388930.42
3743065.27   9.43831
        388930.42   3743115.27   10.00938   388930.42
3743165.27   10.47999

↑ *** AERMOD - VERSION 24142 ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                         ***   08/25/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   14:51:24

                                  PAGE 76
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GEN   ***

INCLUDING SOURCE(S): GEN ,

*** 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)
387507.26	3743641.71	8.91263	(19011410)	387507.26	3743691.71	9.99011	(19011410)
387507.26	3743741.71	8.34256	(19021110)	387507.26	3743791.71	10.96152	(19010710)
387507.26	3743841.71	11.33372	(17020610)	387557.26	3743641.71	8.86730	(15030210)
387557.26	3743691.71	11.27352	(19011410)	387557.26	3743741.71	10.68497	(19011410)
387557.26	3743791.71	11.06850	(19010710)	387557.26	3743841.71	12.11636	(17020610)
387557.26	3743891.71	9.82169	(19112510)	387557.26	3743941.71	10.47146	(19112510)
387557.26	3743991.71	9.73454	(17010210)	387607.26	3743841.71	11.90309	(17020610)
387607.26	3743891.71	12.56261	(19112510)	387607.26	3743941.71	12.08485	(19112510)
387607.26	3743991.71	10.91663	(19042910)	387607.26	3744041.71	12.46082	(19042910)
387607.26	3744091.71	12.07389	(17110610)	387657.26	3743841.71	12.04364	(15122810)
387657.26	3743891.71	16.32750	(19112510)	387657.26	3743941.71	12.86549	(19112510)
387657.26	3743991.71	15.98682	(18110510)	387657.26	3744041.71	15.56348	(17110610)
387657.26	3744091.71	15.36480	(17081410)	387657.26	3744141.71	14.48183	(17081410)
387707.26	3743841.71	12.06677	(18120310)	387707.26	3743891.71	21.10962	(19112510)
387707.26	3743941.71	18.14962	(18110510)	387707.26	3743991.71	20.82719	(18110510)
387707.26	3744041.71	20.23130	(15052510)	387707.26	3744091.71	19.06921	(15110210)
387707.26	3744141.71	18.61337	(17103010)	387757.26	3743841.71	18.67034	(18101510)
387757.26	3743891.71	22.45932	(19112510)	387757.26	3743941.71	31.40441	(18091010)
387757.26	3743991.71	26.09514	(15110210)	387757.26	3744041.71	26.55442	(15110210)

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        387757.26   3744091.71       23.26158  (17040310)                387757.26
3744141.71       20.90363  (17040310)
        387862.10   3744056.02       40.95042  (15061510)                387862.10
3744106.02       28.23009  (17090410)
        387912.10   3744056.02       48.43554  (19061710)                387912.10
3744106.02       37.58123  (16032810)
        387962.10   3744056.02       49.99361  (19062410)                387962.10
3744106.02       32.90032  (16062710)
        388012.10   3744056.02       43.71652  (18061810)                388012.10
3744106.02       32.28319  (17012310)
        388062.10   3744056.02       36.22438  (16071810)                388062.10
3744106.02       19.78778  (17012310)
        387863.31   3744015.45       51.86501  (19051310)                387913.31
3744015.45       43.85467  (18073010)
        387963.31   3744015.45       23.27683  (19062410)                388013.31
3744015.45       23.60874  (18061810)
        388063.31   3744015.45       22.45144  (16071810)                387826.23
3744056.86       34.17159  (16051610)
        387826.23   3744106.86       26.22084  (17052910)                387827.44
3744016.29       44.81770  (17080710)
        387689.52   3743645.82       15.38545  (19123010)                387689.52
3743695.82       15.54760  (19123010)
        387689.52   3743745.82       16.29054  (18121710)                387739.52
3743645.82       16.74933  (18012910)
        387739.52   3743695.82       19.42768  (19123010)                387739.52
3743745.82       20.14544  (16050210)
        387789.52   3743645.82       19.20587  (16121910)                387789.52
3743695.82       22.80606  (16121910)
        387789.52   3743745.82       25.84403  (18031910)                387839.52
3743645.82       16.42767  (18112610)
        387839.52   3743695.82       20.84261  (18112610)                387839.52
3743745.82       32.51786  (19031110)
        387889.52   3743645.82       20.62014  (16010410)                387889.52
3743695.82       30.14922  (16112110)
        387889.52   3743745.82       44.19991  (16010410)                387939.52
3743695.82       36.17741  (16112110)
        387939.52   3743745.82       43.14514  (19121610)                387989.52
3743745.82       42.50279  (17102310)
        387692.61   3743778.61       14.05656  (18121710)                387742.61
3743778.61       21.45364  (16050210)
        387792.61   3743778.61       27.01058  (18031910)                387842.61
3743778.61       36.26744  (16010410)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                         ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        14:51:24

                                  PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
387892.61	3743778.61	19.19636	(16020810)	387942.61	3743778.61	24.27672	(19030410)
387992.61	3743778.61	21.24267	(17102310)	387654.54	3743692.47	14.09003	(18121710)
387654.54	3743742.47	13.41596	(18121710)	387705.59	3744244.86	13.44016	(17103010)
387705.59	3744294.86	12.17479	(17040310)	387755.59	3744244.86	15.34525	(17040310)
387755.59	3744294.86	12.74440	(17040310)	387755.59	3744344.86	10.40842	(17040310)
387755.59	3744394.86	8.42848	(17040310)	387805.59	3744294.86	13.04050	(17052910)
387805.59	3744344.86	10.90992	(17052910)	387805.59	3744394.86	9.06787	(17052910)
387805.59	3744444.86	7.53041	(17052910)	387805.59	3744494.86	6.26480	(17052910)
387805.59	3744544.86	5.23299	(17052910)	387855.59	3744444.86	8.11575	(16051610)
387855.59	3744494.86	6.39746	(16051610)	387855.59	3744544.86	5.33542	(16051610)
387855.59	3744594.86	4.46371	(16051610)	387905.59	3744544.86	6.07404	(17090410)
387905.59	3744594.86	5.05013	(17090410)	387905.59	3744644.86	4.20873	(17090410)
387905.59	3744694.86	3.52469	(17090410)	387955.59	3744644.86	4.18566	(17090410)
387463.28	3744230.92	5.96756	(17110610)	387463.28	3744280.92	5.62528	(17110610)
387463.28	3744330.92	5.56580	(17081410)	387513.28	3744230.92	7.44161	(17081410)
387513.28	3744280.92	7.42377	(17081410)	387513.28	3744330.92	6.73418	(17081410)
387513.28	3744380.92	5.76281	(17081410)	387513.28	3744430.92	4.88439	(17103010)
387513.28	3744480.92	4.58911	(17103010)	387563.28	3744230.92	9.75985	(17081410)

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        387563.28   3744280.92        8.66429  (17081410)                387563.28
3744330.92        7.19620  (17103010)
        387563.28   3744380.92        6.87404  (17103010)                387563.28
3744430.92        6.29431  (17103010)
        387563.28   3744480.92        5.48050  (17103010)                387563.28
3744530.92        4.65784  (17103010)
        387563.28   3744580.92        3.89661  (17103010)                387563.28
3744630.92        3.22921  (17103010)
        387613.28   3744230.92       10.84438  (17081410)                387613.28
3744280.92       10.22473  (17103010)
        387613.28   3744330.92        9.52476  (17103010)                387613.28
3744380.92        8.24379  (17103010)
        387613.28   3744430.92        6.87897  (17103010)                387613.28
3744480.92        5.60639  (17103010)
        387613.28   3744530.92        4.50131  (17103010)                387613.28
3744580.92        3.93751  (17040310)
        387613.28   3744630.92        3.46975  (17040310)                387613.28
3744680.92        3.09115  (17040310)
        387663.28   3744330.92       10.11604  (17103010)                387663.28
3744380.92        8.06854  (17103010)
        387663.28   3744430.92        7.02674  (17040310)                387663.28
3744480.92        6.13277  (17040310)
        387663.28   3744530.92        5.22658  (17040310)                387663.28
3744580.92        4.44269  (17040310)
        387663.28   3744630.92        3.77831  (17040310)                387663.28
3744680.92        3.22316  (17040310)
        387713.28   3744480.92        6.40384  (17040310)                387713.28
3744530.92        5.26626  (17040310)
        387713.28   3744580.92        4.34265  (17040310)                387713.28
3744630.92        3.59289  (17040310)
        387713.28   3744680.92        2.98956  (17040310)                387763.28
3744580.92        4.23352  (17052910)
        387763.28   3744630.92        3.60794  (17052910)                387763.28
3744680.92        3.10031  (17052910)
        387813.28   3744680.92        3.32887  (17052910)                387465.01
3744212.81        5.93385  (17110610)
        387515.01   3744212.81        7.54167  (17110610)                387565.01
3744212.81       10.02305  (17081410)
        387615.01   3744212.81       11.56968  (17081410)                387436.03
3744192.12        5.91121  (19042910)
        386968.99   3743502.23        1.91889  (19021110)                386968.99
3743552.23        2.21960  (19122310)
        386968.99   3743602.23        2.70595  (19122310)                386968.99
3743652.23        2.87729  (19122310)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                       ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:51:24

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
386968.99	3743702.23	2.64543	(19122310)	386968.99	3743752.23	2.47949	(17020610)
386968.99	3743802.23	2.53681	(17020610)	386968.99	3743852.23	2.22045	(17020610)
386968.99	3743902.23	2.03373	(15110910)	386968.99	3743952.23	2.68820	(17022010)
386968.99	3744002.23	3.57269	(17022010)	386968.99	3744052.23	3.68848	(17022010)
386968.99	3744102.23	2.98136	(17022010)	386968.99	3744152.23	2.93137	(17010210)
387018.99	3743502.23	2.16003	(19021110)	387018.99	3743552.23	2.19831	(19122310)
387018.99	3743602.23	2.83204	(19122310)	387018.99	3743652.23	3.16156	(19122310)
387018.99	3743702.23	3.02435	(19122310)	387018.99	3743752.23	2.71689	(17020610)
387018.99	3743802.23	2.84237	(17020610)	387018.99	3743852.23	2.51330	(17020610)
387018.99	3743902.23	2.18331	(15110910)	387018.99	3743952.23	3.09727	(17022010)
387018.99	3744002.23	3.99637	(17022010)	387018.99	3744052.23	3.94290	(17022010)
387018.99	3744102.23	3.07893	(17010210)	387018.99	3744152.23	3.21023	(17010210)
387068.99	3743502.23	2.40354	(19021110)	387068.99	3743552.23	2.34734	(19021110)
387068.99	3743602.23	2.92549	(19122310)	387068.99	3743652.23	3.44932	(19122310)
387068.99	3743702.23	3.45146	(19122310)	387068.99	3743752.23	2.98700	(17020610)
387068.99	3743802.23	3.20657	(17020610)	387068.99	3743852.23	2.86917	(17020610)
387068.99	3743902.23	2.35024	(15110910)	387068.99	3743952.23	3.58103	(17022010)

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        387068.99   3744002.23        4.47777  (17022010)                387068.99
3744052.23        4.19536  (17022010)
        387068.99   3744102.23        3.53288  (17010210)                387068.99
3744152.23        3.47199  (17010210)
        387118.99   3743502.23        2.64113  (19021110)                387118.99
3743552.23        2.69167  (19021110)
        387118.99   3743602.23        2.97583  (19122310)                387118.99
3743652.23        3.73211  (19122310)
        387118.99   3743702.23        3.93222  (19122310)                387118.99
3743752.23        3.44032  (19122310)
        387118.99   3743802.23        3.64461  (17020610)                387118.99
3743852.23        3.30756  (17020610)
        387118.99   3743902.23        2.53841  (15110910)                387118.99
3743952.23        4.15614  (17022010)
        387118.99   3744002.23        5.01036  (17022010)                387118.99
3744052.23        4.42853  (17022010)
        387118.99   3744102.23        4.01997  (17010210)                387118.99
3744152.23        3.69749  (17010210)
        387168.99   3743502.23        2.84444  (19021110)                387168.99
3743552.23        3.04240  (19021110)
        387168.99   3743602.23        2.97853  (19021110)                387168.99
3743652.23        3.98487  (19122310)
        387168.99   3743702.23        4.45859  (19122310)                387168.99
3743752.23        4.08408  (19122310)
        387168.99   3743802.23        4.17137  (17020610)                387168.99
3743852.23        3.84805  (17020610)
        387168.99   3743902.23        2.95650  (17022010)                387168.99
3743952.23        4.83001  (17022010)
        387168.99   3744002.23        5.58204  (17022010)                387168.99
3744052.23        4.61249  (17022010)
        387168.99   3744102.23        4.52166  (17010210)                387168.99
3744152.23        3.85947  (17010210)
        387218.99   3743502.23        3.09406  (19011410)                387218.99
3743552.23        3.37874  (19021110)
        387218.99   3743602.23        3.48627  (19021110)                387218.99
3743652.23        4.17597  (19122310)
        387218.99   3743702.23        5.00896  (19122310)                387218.99
3743752.23        4.84433  (19122310)
        387218.99   3743802.23        4.79753  (17020610)                387218.99
3743852.23        4.51690  (17020610)
        387218.99   3743902.23        3.47881  (17022010)                387218.99
3743952.23        5.60173  (17022010)
        387218.99   3744002.23        6.16277  (17022010)                387218.99
3744052.23        5.06943  (17010210)
        387218.99   3744102.23        4.99803  (17010210)                387218.99
3744152.23        3.92354  (17010210)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:51:24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
387268.99	3743502.23	3.57110	(19011410)	387268.99	3743552.23	3.73301	(19011410)
387268.99	3743602.23	4.01078	(19021110)	387268.99	3743652.23	4.25848	(19122310)
387268.99	3743702.23	5.54520	(19122310)	387268.99	3743752.23	5.72292	(19122310)
387268.99	3743802.23	5.53472	(17020610)	387268.99	3743852.23	5.34033	(17020610)
387268.99	3743902.23	4.05188	(17022010)	387268.99	3743952.23	6.44339	(17022010)
387268.99	3744002.23	6.68536	(17022010)	387268.99	3744052.23	5.93884	(17010210)
387268.99	3744102.23	5.38957	(17010210)	387268.99	3744152.23	3.85057	(17010210)
387318.99	3743552.23	4.49794	(19011410)	387318.99	3743602.23	4.51035	(19021110)
387318.99	3743652.23	4.68861	(19021110)	387318.99	3743702.23	5.98198	(19122310)
387318.99	3743752.23	6.68667	(19122310)	387318.99	3743802.23	6.37802	(17020610)
387318.99	3743852.23	6.34349	(17020610)	387318.99	3743902.23	4.64887	(17022010)
387318.99	3743952.23	7.28205	(17022010)	387318.99	3744002.23	7.02477	(17022010)
387318.99	3744052.23	6.81279	(17010210)	387318.99	3744102.23	5.61063	(17010210)
387318.99	3744152.23	3.85121	(19042910)	387368.99	3743652.23	5.50410	(19021110)
387368.99	3743702.23	6.20531	(19122310)	387368.99	3743752.23	7.64926	(19122310)
387368.99	3743802.23	7.27660	(17020610)	387368.99	3743852.23	7.53462	(17020610)

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        387368.99   3743902.23        5.34142  (17020610)               387368.99
3743952.23        7.99646  (17022010)
        387368.99   3744002.23        7.49159  (17010210)               387357.30
3743511.78        4.22495  (19011410)
        387407.30   3743561.78        5.57910  (19011410)               387407.30
3743611.78        6.57432  (19011410)
        387453.88   3743868.51        9.26061  (17020610)               387453.88
3743918.51        7.24172  (19112510)
        387453.88   3743968.51        8.48468  (17010210)               387453.88
3744018.51        9.30876  (17010210)
        387453.88   3744068.51        6.64091  (17010210)               387503.88
3743968.51        9.65646  (17010210)
        387503.88   3744018.51        9.16775  (17010210)               387503.88
3744068.51        8.37028  (19042910)
        387503.88   3744118.51        8.37285  (19042910)               387553.88
3744068.51       10.38631  (19042910)
        387553.88   3744118.51        9.12113  (17110610)               387015.27
3744263.55        2.06171  (18092410)
        387015.27   3744313.55        1.80342  (18092410)               387015.27
3744363.55        1.69252  (18102910)
        387015.27   3744413.55        1.65523  (19042910)               387015.27
3744463.55        1.62784  (19042910)
        387015.27   3744513.55        1.52534  (19042910)               387015.27
3744563.55        1.36924  (19042910)
        387015.27   3744613.55        1.18247  (19042910)               387015.27
3744663.55        1.26288  (17110610)
        387015.27   3744713.55        1.30548  (17110610)               387015.27
3744763.55        1.30403  (17110610)
        387015.27   3744813.55        1.26439  (19022510)               387015.27
3744863.55        1.24740  (19022510)
        387065.27   3744263.55        2.12345  (18092410)               387065.27
3744313.55        1.78659  (18092410)
        387065.27   3744363.55        1.84997  (19042910)               387065.27
3744413.55        1.84242  (19042910)
        387065.27   3744463.55        1.74040  (19042910)               387065.27
3744513.55        1.56684  (19042910)
        387065.27   3744563.55        1.35252  (19042910)               387065.27
3744613.55        1.40730  (17110610)
        387065.27   3744663.55        1.44964  (17110610)               387065.27
3744713.55        1.44077  (17110610)
        387065.27   3744763.55        1.38514  (17110610)               387065.27
3744813.55        1.32500  (19022510)
        387065.27   3744863.55        1.27397  (19022510)               387115.27
3744263.55        2.14822  (18092410)
        387115.27   3744313.55        2.07385  (19042910)               387115.27
3744363.55        2.10510  (19042910)
        387115.27   3744413.55        2.00652  (19042910)               387115.27
3744463.55        1.81437  (19042910)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
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*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN   ***
INCLUDING SOURCE(S):   GEN   ,

*** 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)
387115.27	3744513.55	1.56560	(19042910)	387115.27	3744563.55	1.58587	(17110610)
387115.27	3744613.55	1.62812	(17110610)	387115.27	3744663.55	1.60505	(17110610)
387115.27	3744713.55	1.52957	(17110610)	387115.27	3744763.55	1.41539	(19022510)
387115.27	3744813.55	1.39219	(17081410)	387115.27	3744863.55	1.39053	(17081410)
387165.27	3744263.55	2.34602	(19042910)	387165.27	3744313.55	2.43035	(19042910)
387165.27	3744363.55	2.34315	(19042910)	387165.27	3744413.55	2.12995	(19042910)
387165.27	3744463.55	1.83799	(19042910)	387165.27	3744513.55	1.81136	(17110610)
387165.27	3744563.55	1.84878	(17110610)	387165.27	3744613.55	1.80709	(17110610)
387165.27	3744663.55	1.70326	(17110610)	387165.27	3744713.55	1.55564	(17110610)
387165.27	3744763.55	1.56712	(17081410)	387165.27	3744813.55	1.54062	(17081410)
387165.27	3744863.55	1.47753	(17081410)	387215.27	3744263.55	2.83324	(19042910)
387215.27	3744313.55	2.77424	(19042910)	387215.27	3744363.55	2.54036	(19042910)
387215.27	3744413.55	2.19366	(19042910)	387215.27	3744463.55	2.10322	(17110610)
387215.27	3744513.55	2.13034	(17110610)	387215.27	3744563.55	2.05933	(17110610)
387215.27	3744613.55	1.91678	(17110610)	387215.27	3744663.55	1.79718	(17081410)

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        387215.27   3744713.55        1.78295  (17081410)               387215.27
3744763.55        1.71832  (17081410)
        387215.27   3744813.55        1.61637  (17081410)               387215.27
3744863.55        1.48880  (17081410)
        387265.27   3744263.55        3.32698  (19042910)               387265.27
3744313.55        3.07872  (19042910)
        387265.27   3744363.55        2.66554  (19042910)               387265.27
3744413.55        2.48862  (17110610)
        387265.27   3744463.55        2.49938  (17110610)               387265.27
3744513.55        2.38392  (17110610)
        387265.27   3744563.55        2.18392  (17110610)               387265.27
3744613.55        2.11254  (17081410)
        387265.27   3744663.55        2.04938  (17081410)               387265.27
3744713.55        1.93105  (17081410)
        387265.27   3744763.55        1.77644  (17081410)               387265.27
3744813.55        1.60066  (17081410)
        387265.27   3744863.55        1.41657  (17081410)               387315.27
3744263.55        3.79271  (19042910)
        387315.27   3744313.55        3.29868  (19042910)               387315.27
3744363.55        3.00686  (17110610)
        387315.27   3744413.55        2.99167  (17110610)               387315.27
3744463.55        2.81065  (17110610)
        387315.27   3744513.55        2.59718  (17081410)               387315.27
3744563.55        2.53632  (17081410)
        387315.27   3744613.55        2.39088  (17081410)               387315.27
3744663.55        2.19333  (17081410)
        387315.27   3744713.55        1.96640  (17081410)               387315.27
3744763.55        1.72714  (17081410)
        387315.27   3744813.55        1.49064  (17081410)               387315.27
3744863.55        1.42835  (17103010)
        387365.27   3744263.55        4.15567  (19042910)               387365.27
3744313.55        3.70730  (17110610)
        387365.27   3744363.55        3.66018  (17110610)               387365.27
3744413.55        3.38152  (17110610)
        387365.27   3744463.55        3.25282  (17081410)               387365.27
3744513.55        3.09304  (17081410)
        387365.27   3744563.55        2.83159  (17081410)               387365.27
3744613.55        2.52250  (17081410)
        387365.27   3744663.55        2.19334  (17081410)               387365.27
3744713.55        1.87128  (17081410)
        387365.27   3744763.55        1.77667  (17103010)               387365.27
3744813.55        1.72497  (17103010)
        387365.27   3744863.55        1.65810  (17103010)               387415.27
3744313.55        4.57300  (17110610)
        387415.27   3744363.55        4.30169  (17081410)               387415.27
3744413.55        4.17560  (17081410)
        387415.27   3744463.55        3.83987  (17081410)               387415.27
3744513.55        3.40470  (17081410)
        387415.27   3744563.55        2.93441  (17081410)               387415.27
3744613.55        2.47150  (17081410)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
387415.27	3744663.55	2.33600	(17103010)	387415.27	3744713.55	2.21711	(17103010)
387415.27	3744763.55	2.08577	(17103010)	387415.27	3744813.55	1.93123	(17103010)
387415.27	3744863.55	1.77381	(17103010)	387465.27	3744513.55	3.45134	(17081410)
387465.27	3744563.55	3.25575	(17103010)	387465.27	3744613.55	3.02105	(17103010)
387465.27	3744663.55	2.77600	(17103010)	387465.27	3744713.55	2.49896	(17103010)
387465.27	3744763.55	2.22947	(17103010)	387465.27	3744813.55	1.97639	(17103010)
387465.27	3744863.55	1.74432	(17103010)	387515.27	3744663.55	2.95998	(17103010)
387515.27	3744713.55	2.53972	(17103010)	387515.27	3744763.55	2.16815	(17103010)
387515.27	3744813.55	1.84623	(17103010)	387515.27	3744863.55	1.67842	(17040310)
387565.27	3744813.55	2.08826	(17040310)	387565.27	3744863.55	1.92991	(17040310)
387524.44	3742913.36	1.50494	(18012910)	387574.44	3742963.36	1.61406	(18012910)
387574.44	3743013.36	1.82659	(18012910)	387624.44	3742963.36	1.46064	(18012910)
387624.44	3743013.36	1.68989	(18012910)	387624.44	3743063.36	1.96449	(18012910)
387674.44	3742963.36	1.59772	(16121910)	387674.44	3743013.36	1.79400	(16121910)

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        387674.44   3743063.36        2.03184  (16121910)               387674.44
3743113.36        2.31904  (16121910)
        387724.44   3742963.36        1.65861  (16121910)               387724.44
3743013.36        1.88752  (16121910)
        387724.44   3743063.36        2.17063  (16121910)               387724.44
3743113.36        2.52091  (16121910)
        387774.44   3742963.36        1.68787  (18112610)               387774.44
3743013.36        1.86182  (18112610)
        387774.44   3743063.36        2.11261  (16121910)               387774.44
3743113.36        2.47836  (16121910)
        387774.44   3743163.36        2.93681  (16121910)               387824.44
3742963.36        1.90983  (18112610)
        387824.44   3743013.36        2.11049  (18112610)               387824.44
3743063.36        2.35044  (18112610)
        387824.44   3743113.36        2.63996  (18112610)               387824.44
3743163.36        2.99194  (18112610)
        387824.44   3743213.36        3.42332  (18112610)               387874.44
3742963.36        2.01028  (18112610)
        387874.44   3743013.36        2.21637  (18112610)               387874.44
3743063.36        2.46218  (18112610)
        387874.44   3743113.36        2.75773  (18112610)               387874.44
3743163.36        3.11677  (18112610)
        387874.44   3743213.36        3.55654  (18112610)               387874.44
3743263.36        4.09703  (18112610)
        387924.44   3742963.36        1.96825  (18112610)               387924.44
3743013.36        2.15676  (18112610)
        387924.44   3743063.36        2.37987  (18112610)               387924.44
3743113.36        2.64584  (18112610)
        387924.44   3743163.36        2.96498  (18112610)               387924.44
3743213.36        3.35035  (18112610)
        387924.44   3743263.36        3.95463  (16020810)               387924.44
3743313.36        4.77771  (16020810)
        387974.44   3742963.36        1.89961  (19012810)               387974.44
3743013.36        2.09003  (16020810)
        387974.44   3743063.36        2.39374  (16020810)               387974.44
3743113.36        2.75836  (16020810)
        387974.44   3743163.36        3.19590  (16020810)               387974.44
3743213.36        3.86323  (16010410)
        387974.44   3743263.36        4.79609  (16010410)               387974.44
3743313.36        5.92142  (16010410)
        387974.44   3743363.36        7.48352  (16010410)               388024.44
3742963.36        2.12109  (16020810)
        388024.44   3743013.36        2.36403  (16020810)               388024.44
3743063.36        2.64521  (16020810)
        388024.44   3743113.36        3.10874  (16010410)               388024.44
3743163.36        3.71503  (16010410)
        388024.44   3743213.36        4.42573  (16010410)               388024.44
3743263.36        5.41560  (16010410)
        388024.44   3743313.36        6.44296  (16010410)               388024.44
3743363.36        7.58624  (16010410)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
388074.44	3743013.36	2.58108	(16010410)	388074.44	3743063.36	2.96374	(16010410)
388074.44	3743113.36	3.46711	(16010410)	388074.44	3743163.36	3.99800	(16010410)
388074.44	3743213.36	4.59431	(16010410)	388074.44	3743263.36	5.38993	(15121410)
388074.44	3743313.36	6.21332	(15121410)	388074.44	3743363.36	7.09601	(16112110)
388074.44	3743413.36	8.33697	(16112110)	388074.44	3743463.36	9.40533	(16112110)
388124.44	3742963.36	2.52769	(19111810)	388124.44	3743013.36	2.79940	(19111810)
388124.44	3743063.36	3.07683	(16010410)	388124.44	3743113.36	3.51608	(15121410)
388124.44	3743163.36	4.02370	(15121410)	388124.44	3743213.36	4.53686	(15121410)
388124.44	3743263.36	5.06007	(16112110)	388124.44	3743313.36	5.85604	(16112110)
388124.44	3743363.36	6.58229	(16112110)	388124.44	3743413.36	7.11074	(16112110)
388174.44	3742963.36	2.62858	(19111810)	388174.44	3743013.36	2.79451	(19111810)
388174.44	3743063.36	3.07773	(15121410)	388174.44	3743113.36	3.41121	(15121410)
388174.44	3743163.36	3.75383	(16112110)	388174.44	3743213.36	4.25685	(16112110)

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        388174.44   3743263.36        4.73136  (16112110)               388174.44
3743313.36        5.11068  (16112110)
        388174.44   3743363.36        6.35868  (19012110)               388174.44
3743413.36        8.20204  (19012110)
        388224.44   3742963.36        2.49234  (19111810)               388224.44
3743013.36        2.63472  (15121410)
        388224.44   3743063.36        2.91395  (16112110)               388224.44
3743113.36        3.23891  (16112110)
        388224.44   3743163.36        3.53465  (16112110)               388224.44
3743213.36        3.78286  (16112110)
        388224.44   3743263.36        4.02036  (19012110)               388224.44
3743313.36        5.65742  (19012110)
        388224.44   3743363.36        6.89135  (19012110)               388274.44
3742963.36        2.35454  (16112110)
        388274.44   3743013.36        2.57591  (16112110)               387475.71
3743311.02        3.13984  (19123010)
        387490.71   3743311.02        3.31739  (19123010)               387451.13
3743316.16        2.83781  (19123010)
        387379.86   3743317.08        2.62236  (18101510)               387399.86
3743317.08        2.64539  (18101510)
        387419.86   3743317.08        2.66263  (18121710)               387439.86
3743317.08        2.71061  (18121710)
        387019.21   3742972.33        1.17460  (18010110)               387019.21
3743022.33        1.15819  (15122110)
        387019.21   3743072.33        1.24814  (15122110)               387019.21
3743122.33        1.31201  (15122110)
        387019.21   3743172.33        1.33869  (15122110)               387019.21
3743222.33        1.32175  (15122110)
        387019.21   3743272.33        1.42040  (19011410)               387019.21
3743322.33        1.59085  (19011410)
        387069.21   3742972.33        1.23353  (18010110)               387069.21
3743022.33        1.22458  (18010110)
        387069.21   3743072.33        1.22135  (15122110)               387069.21
3743122.33        1.32337  (15122110)
        387069.21   3743172.33        1.39443  (15122110)               387069.21
3743222.33        1.42367  (15122110)
        387069.21   3743272.33        1.42298  (15030210)               387069.21
3743322.33        1.66954  (19011410)
        387119.21   3742972.33        1.26488  (17022710)               387119.21
3743022.33        1.28425  (18010110)
        387119.21   3743072.33        1.28145  (18010110)               387119.21
3743122.33        1.29520  (15122110)
        387119.21   3743172.33        1.41155  (15122110)               387119.21
3743222.33        1.51787  (15030210)
        387119.21   3743272.33        1.59170  (15030210)               387119.21
3743322.33        1.69268  (19011410)
        387169.21   3742972.33        1.33553  (17022710)               387169.21
3743022.33        1.30987  (18010110)
        387169.21   3743072.33        1.34034  (18010110)               387169.21
3743122.33        1.34674  (18010110)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
387219.21	3742972.33	1.35123	(17022710)	387219.21	3743022.33	1.34250	(17022710)
387219.21	3743072.33	1.36173	(18010110)	387219.21	3743122.33	1.43617	(18121710)
387219.21	3743172.33	1.54110	(18101510)	387219.21	3743222.33	1.66840	(18101510)
387219.21	3743272.33	1.83868	(15030210)	387219.21	3743322.33	2.02793	(15030210)
387269.21	3742972.33	1.30229	(17022710)	387269.21	3743022.33	1.33749	(17022710)
387269.21	3743072.33	1.35354	(18121710)	387269.21	3743122.33	1.49606	(18121710)
387269.21	3743172.33	1.62875	(18121710)	387269.21	3743222.33	1.80956	(18101510)
387269.21	3743272.33	1.98994	(18101510)	387269.21	3743322.33	2.17926	(15030210)
387319.21	3742972.33	1.26447	(19123010)	387319.21	3743022.33	1.29995	(19123010)
387319.21	3743072.33	1.32549	(19123010)	387319.21	3743122.33	1.50352	(18121710)
387319.21	3743172.33	1.69494	(18121710)	387319.21	3743222.33	1.88446	(18121710)
387319.21	3743272.33	2.16478	(18101510)	387319.21	3743322.33	2.42297	(18101510)

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        387369.21   3742972.33        1.37877  (19123010)               387369.21
3743022.33        1.46306  (19123010)
        387369.21   3743072.33        1.54664  (19123010)               387369.21
3743122.33        1.62481  (19123010)
        387369.21   3743172.33        1.69849  (18121710)               387369.21
3743222.33        1.96040  (18121710)
        387369.21   3743272.33        2.23139  (18101510)               387419.21
3742972.33        1.43550  (19123010)
        387419.21   3743022.33        1.56842  (19123010)               387419.21
3743072.33        1.71125  (19123010)
        387419.21   3743122.33        1.86534  (19123010)               387419.21
3743172.33        2.02193  (19123010)
        387419.21   3743222.33        2.17633  (19123010)               387419.21
3743272.33        2.31597  (18121710)
        387469.21   3743072.33        1.81860  (18012910)               387469.21
3743122.33        2.02261  (19123010)
        387469.21   3743172.33        2.27351  (19123010)               387469.21
3743222.33        2.55186  (19123010)
        387469.21   3743272.33        2.83872  (19123010)               387578.38
3743390.44        5.32735  (19123010)
        387608.38   3743390.44        5.60263  (19123010)               387638.38
3743390.44        5.78016  (18012910)
        387369.87   3743365.20        2.97242  (18101510)               387399.87
3743365.20        3.13239  (18101510)
        387429.87   3743365.20        3.21626  (18101510)               387459.87
3743365.20        3.23862  (18121710)
        387489.87   3743365.20        3.67667  (19123010)               387489.87
3743395.20        3.84571  (19123010)
        388754.52   3743939.25        1.98960  (17112710)               388754.52
3743989.25        1.69755  (19032510)
        388754.52   3744039.25        1.63607  (16042510)               388754.52
3744089.25        1.56239  (16042510)
        388754.52   3744139.25        1.41035  (16042510)               388754.52
3744189.25        1.14329  (18122410)
        388804.52   3743889.25        2.68563  (17112710)               388804.52
3743939.25        1.77521  (17112710)
        388804.52   3743989.25        1.50588  (19032510)               388804.52
3744039.25        1.41553  (19032510)
        388804.52   3744089.25        1.37067  (16042510)               388804.52
3744139.25        1.25879  (16042510)
        388804.52   3744189.25        1.06056  (18122410)               388804.52
3744239.25        1.19940  (18122410)
        388804.52   3744289.25        1.28493  (18122410)               388854.52
3743889.25        2.36844  (17112710)
        388854.52   3743939.25        1.59913  (17112710)               388854.52
3743989.25        1.35101  (19032510)
        388854.52   3744039.25        1.28027  (19032510)               388854.52
3744089.25        1.21235  (16042510)
        388854.52   3744139.25        1.13097  (16042510)               388854.52
3744189.25        0.98235  (18122410)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
388904.52	3744039.25	1.16964	(19032510)	388904.52	3744089.25	1.08249	(16042510)
388904.52	3744139.25	1.01927	(16042510)	388904.52	3744189.25	0.89397	(18122410)
388904.52	3744239.25	1.05137	(18122410)	388904.52	3744289.25	1.17122	(18122410)
388904.52	3744339.25	1.24770	(18122410)	388904.52	3744389.25	1.26613	(18122410)
388904.52	3744439.25	1.23516	(18122410)	388954.52	3743939.25	1.32659	(17112710)
388954.52	3743989.25	1.12144	(19032510)	388954.52	3744039.25	1.07836	(19032510)
388954.52	3744089.25	0.97410	(16042510)	388954.52	3744139.25	0.92844	(16042510)
388882.82	3743721.97	2.48403	(16032110)	388882.82	3743771.97	2.53515	(17112710)
388932.82	3743721.97	2.27982	(16032110)	388932.82	3743771.97	2.30741	(17112710)
388932.82	3743821.97	2.40631	(17112710)	387765.02	3743382.77	6.76818	(16121910)
387815.02	3743382.77	6.33054	(16121910)	387815.02	3743432.77	7.79620	(16121910)

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        387865.02   3743382.77        6.01028  (18112610)               387865.02
3743432.77        7.16084  (18112610)
        387915.02   3743382.77        6.37312  (16010410)               387915.02
3743432.77        8.17300  (16010410)
        387965.02   3743432.77        9.82628  (16010410)               387713.39
3743372.67        5.80670  (16121910)
        387763.39   3743422.67        7.93913  (16121910)               387583.29
3743113.63        2.36245  (18012910)
        387583.29   3743163.63        2.70365  (18012910)               387583.29
3743213.63        3.09655  (18012910)
        387583.29   3743263.63        3.53859  (18012910)               387633.29
3743163.63        2.67253  (18012910)
        387633.29   3743213.63        3.16120  (18012910)               387633.29
3743263.63        3.74728  (18012910)
        387633.29   3743313.63        4.44145  (18012910)               387683.29
3743263.63        3.67974  (16121910)
        387683.29   3743313.63        4.37886  (18012910)               388242.48
3743969.33       10.30195  (16042510)
        388242.48   3744019.33        8.68829  (16042510)               388242.48
3744069.33        7.20762  (18070210)
        388242.48   3744119.33        6.88779  (18070210)               388242.48
3744169.33        8.20234  (17012310)
        388242.48   3744219.33        8.71788  (17012310)               388242.48
3744269.33        8.08128  (17012310)
        388242.48   3744319.33        6.78085  (17012310)               388242.48
3744369.33        5.29882  (17012310)
        388242.48   3744419.33        4.67325  (19062410)               388242.48
3744469.33        4.31535  (19062410)
        388292.48   3743969.33        8.56195  (16042510)               388292.48
3744019.33        7.56083  (16042510)
        388292.48   3744069.33        5.62803  (18070210)               388292.48
3744119.33        5.62885  (18070210)
        388292.48   3744169.33        5.74017  (17012310)               388292.48
3744219.33        6.70551  (17012310)
        388292.48   3744269.33        6.81080  (17012310)               388292.48
3744319.33        6.21481  (17012310)
        388292.48   3744369.33        5.23148  (17012310)               388292.48
3744419.33        3.98639  (18061810)
        388292.48   3744469.33        3.44919  (19062410)               388292.48
3744519.33        3.25116  (19062410)
        388292.48   3744569.33        2.97621  (19062410)               388780.42
3742965.27        1.47325  (17122510)
        388780.42   3743015.27        1.51447  (17122510)               388780.42
3743065.27        1.53563  (17122510)
        388780.42   3743115.27        1.53562  (17122510)               388780.42
3743165.27        1.55806  (17013010)
        388780.42   3743215.27        1.73505  (17013010)               388830.42
3742965.27        1.47885  (17122510)
        388830.42   3743015.27        1.50253  (17122510)               388830.42
3743065.27        1.50721  (17122510)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GEN ***
INCLUDING SOURCE(S): GEN ,

*** 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)
388930.42	3743015.27	1.44033	(17122510)	388930.42	3743065.27	1.45543	(17013010)
388930.42	3743115.27	1.59979	(17013010)	388930.42	3743165.27	1.70701	(17013010)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DOCKS ***
INCLUDING SOURCE(S): L0000534 , L0000535 , L0000536 , L0000537 , L0000538 ,
L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 ,
L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 ,

*** 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)
387507.26	3743641.71	44.55297	(15020607)	387507.26	3743691.71	49.41865	(18011907)
387507.26	3743741.71	53.02892	(15021221)	387507.26	3743791.71	57.01857	(15012520)
387507.26	3743841.71	59.67848	(15021119)	387557.26	3743641.71	44.84719	(15020607)
387557.26	3743691.71	55.10602	(15020607)	387557.26	3743741.71	60.26648	(17020122)
387557.26	3743791.71	65.33872	(15021221)	387557.26	3743841.71	70.04043	(15021119)
387557.26	3743891.71	103.13544	(18011823)	387557.26	3743941.71	135.84363	(15021706)
387557.26	3743991.71	133.05266	(19020402)	387607.26	3743841.71	82.08751	(15021119)
387607.26	3743891.71	117.57658	(18011823)	387607.26	3743941.71	163.70333	(15021706)
387607.26	3743991.71	160.00227	(17021624)	387607.26	3744041.71	150.84033	(17021401)
387607.26	3744091.71	138.73289	(18010823)	387657.26	3743841.71	100.10037	(15012520)
387657.26	3743891.71	134.87202	(18011823)	387657.26	3743941.71	202.99134	(15021706)
387657.26	3743991.71	197.51209	(17021624)	387657.26	3744041.71	179.64716	(17121605)
387657.26	3744091.71	161.62041	(19121401)	387657.26	3744141.71	127.19778	(15022622)
387707.26	3743841.71	124.36448	(15021221)	387707.26	3743891.71	154.76392	(18011823)
387707.26	3743941.71	262.40576	(15021706)	387707.26	3743991.71	249.31212	(16022924)
387707.26	3744041.71	219.06424	(16022221)	387707.26	3744091.71	181.31458	(15022622)
387707.26	3744141.71	110.00759	(15022622)	387757.26	3743841.71	155.40423	(16121001)
387757.26	3743891.71	187.04152	(15021119)	387757.26	3743941.71	361.19185	(15021706)
387757.26	3743991.71	325.07082	(19020322)	387757.26	3744041.71	266.60632	(19121401)
387757.26	3744091.71	172.79917	(15022622)	387757.26			

3744141.71   77.31364 (15022622)
        387862.10   3744056.02   168.39930 (15022622)   387862.10
3744106.02   102.70975 (19042707)
        387912.10   3744056.02   158.26755 (19042707)   387912.10
3744106.02   99.84931 (19120616)
        387962.10   3744056.02   137.24487 (19120616)   387962.10
3744106.02   89.47131 (17022717)
        388012.10   3744056.02   136.83270 (17022717)   388012.10
3744106.02   94.68766 (17022717)
        388062.10   3744056.02   117.95499 (15121020)   388062.10
3744106.02   81.04627 (15121020)
        387863.31   3744015.45   374.80795 (15022622)   387913.31
3744015.45   289.04884 (16011922)
        387963.31   3744015.45   240.31932 (19042707)   388013.31
3744015.45   211.15419 (16093007)
        388063.31   3744015.45   168.62999 (15121020)   387826.23
3744056.86   215.11018 (15022622)
        387826.23   3744106.86   101.45057 (19042707)   387827.44
3744016.29   389.49138 (15022622)
        387689.52   3743645.82   30.77183 (16121307)   387689.52
3743695.82   53.74209 (15020607)
        387689.52   3743745.82   82.32005 (15020607)   387739.52
3743645.82   36.52547 (18090707)
        387739.52   3743695.82   42.81717 (16121307)   387739.52
3743745.82   78.01444 (15020607)
        387789.52   3743645.82   38.01407 (18090707)   387789.52
3743695.82   50.02022 (18090707)
        387789.52   3743745.82   63.09332 (16121307)   387839.52
3743645.82   44.98111 (19113016)
        387839.52   3743695.82   53.66456 (19113016)   387839.52
3743745.82   69.46628 (18090707)
        387889.52   3743645.82   85.55436 (18120320)   387889.52
3743695.82   98.22656 (18120320)
        387889.52   3743745.82   115.71741 (18120320)   387939.52
3743695.82   166.01457 (18120320)
        387939.52   3743745.82   203.14541 (18120320)   387989.52
3743745.82   218.46913 (16020620)
        387692.61   3743778.61   96.97356 (15020607)   387742.61
3743778.61   106.23278 (15020607)
        387792.61   3743778.61   97.10401 (16121307)   387842.61
3743778.61   85.85319 (18090707)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

```
VALUES FOR SOURCE GROUP:  DOCKS    ***
                                  INCLUDING SOURCE(S):     L0000534    , L0000535
, L0000536    , L0000537    , L0000538    ,
                 L0000539    , L0000540    , L0000541    , L0000542    , L0000543
, L0000544    , L0000545    , L0000546    ,
                 L0000547    , L0000548    , L0000549    , L0000550    , L0000551
, L0000552    , L0000553    ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        387892.61   3743778.61      141.04862  (18120320)                387942.61
3743778.61      239.60574  (18120320)
        387992.61   3743778.61      252.09538  (16020620)                387654.54
3743692.47       56.89227  (15020607)
        387654.54   3743742.47       77.56792  (15020607)                387705.59
3744244.86       42.19983  (18011818)
        387705.59   3744294.86       37.19436  (18011818)                387755.59
3744244.86       46.37185  (16011522)
        387755.59   3744294.86       39.88041  (18020124)                387755.59
3744344.86       33.87171  (19120722)
        387755.59   3744394.86       28.17331  (19120722)                387805.59
3744294.86       39.33782  (19120722)
        387805.59   3744344.86       31.66382  (19120616)                387805.59
3744394.86       26.38370  (19120616)
        387805.59   3744444.86       21.56228  (19120616)                387805.59
3744494.86       17.33433  (19120616)
        387805.59   3744544.86       15.36379  (17052606)                387855.59
3744444.86       19.92446  (17052606)
        387855.59   3744494.86       17.02538  (17052606)                387855.59
3744544.86       14.52461  (17052606)
        387855.59   3744594.86       12.38973  (17052606)                387905.59
3744544.86       14.74509  (19122817)
        387905.59   3744594.86       13.33191  (19122817)                387905.59
3744644.86       12.13145  (19122817)
        387905.59   3744694.86       11.10303  (19122817)                387955.59
3744644.86       13.21471  (18122117)
        387463.28   3744230.92       78.13389  (15022622)                387463.28
3744280.92       60.94220  (15022622)
        387463.28   3744330.92       39.19916  (15022622)                387513.28
3744230.92       78.71709  (15022622)
        387513.28   3744280.92       52.45967  (15022622)                387513.28
3744330.92       29.54167  (19102722)
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        387513.28   3744380.92       22.78536  (19011123)                387513.28
3744430.92       21.19108  (15012024)
        387513.28   3744480.92       19.53966  (18011818)                387563.28
3744230.92       71.27068  (15022622)
        387563.28   3744280.92       40.08800  (15022622)                387563.28
3744330.92       26.83129  (19011123)
        387563.28   3744380.92       24.72987  (15012024)                387563.28
3744430.92       22.72323  (18011818)
        387563.28   3744480.92       20.93683  (18011818)                387563.28
3744530.92       19.10289  (19010622)
        387563.28   3744580.92       17.69147  (18020124)                387563.28
3744630.92       16.30437  (19120722)
        387613.28   3744230.92       56.45567  (15022622)                387613.28
3744280.92       32.28093  (19011123)
        387613.28   3744330.92       29.37973  (15012024)                387613.28
3744380.92       26.78443  (18011818)
        387613.28   3744430.92       24.18899  (16011522)                387613.28
3744480.92       21.87351  (18020124)
        387613.28   3744530.92       20.08598  (18020124)                387613.28
3744580.92       18.20164  (19120722)
        387613.28   3744630.92       16.23419  (19120722)                387613.28
3744680.92       14.27569  (19120722)
        387663.28   3744330.92       32.08183  (18011818)                387663.28
3744380.92       28.37997  (16011522)
        387663.28   3744430.92       25.60003  (18020124)                387663.28
3744480.92       22.90983  (19120722)
        387663.28   3744530.92       20.19447  (19120722)                387663.28
3744580.92       17.50704  (19120722)
        387663.28   3744630.92       14.99353  (19120722)                387663.28
3744680.92       12.73149  (19120722)
        387713.28   3744480.92       22.17269  (19120722)                387713.28
3744530.92       18.59322  (19120722)
        387713.28   3744580.92       15.87671  (19120616)                387713.28
3744630.92       13.87467  (19120616)
        387713.28   3744680.92       11.92128  (19120616)                387763.28
3744580.92       14.51318  (19120616)
        387763.28   3744630.92       12.22414  (17052606)                387763.28
3744680.92       11.25944  (17052606)
        387813.28   3744680.92       11.12471  (17052606)                387465.01
3744212.81       81.02945  (15022622)
        387515.01   3744212.81       86.30978  (15022622)                387565.01
3744212.81       83.12545  (15022622)
        387615.01   3744212.81       70.29578  (15022622)                387436.03
3744192.12       79.52844  (18020802)
        386968.99   3743502.23       17.67947  (18011906)                386968.99
3743552.23       18.69525  (15021221)
        386968.99   3743602.23       19.10192  (15012520)                386968.99
3743652.23       19.28185  (15022007)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
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*** AERMET - VERSION 22112 *** ***
*** 14:51:24

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DOCKS ***
INCLUDING SOURCE(S): L0000534 , L0000535 , L0000536 , L0000537 , L0000538 ,
L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 ,
L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 ,

*** 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)
386968.99	3743702.23	19.99680	(15021119)	386968.99	3743752.23	19.90053	(17021623)
386968.99	3743802.23	20.48632	(18011823)	386968.99	3743852.23	29.85145	(18011823)
386968.99	3743902.23	36.74651	(18011823)	386968.99	3743952.23	39.18540	(15021706)
386968.99	3744002.23	39.05751	(15020404)	386968.99	3744052.23	38.78643	(19020402)
386968.99	3744102.23	38.81950	(17021624)	386968.99	3744152.23	38.45480	(16022924)
387018.99	3743502.23	18.99241	(16121001)	387018.99	3743552.23	19.75399	(15021221)
387018.99	3743602.23	20.15170	(15012520)	387018.99	3743652.23	20.70376	(18010707)
387018.99	3743702.23	21.31236	(15021119)	387018.99	3743752.23	21.33674	(16020819)
387018.99	3743802.23	21.40390	(17020202)	387018.99	3743852.23	31.47168	(18011823)
387018.99	3743902.23	39.34506	(18011823)	387018.99	3743952.23	42.14899	(15021706)
387018.99	3744002.23	42.14285	(15020404)	387018.99	3744052.23	41.67533	(19020402)
387018.99	3744102.23	41.75076	(17021624)	387018.99	3744152.23	40.90732	(16022924)
387068.99	3743502.23	20.21884	(17020122)	387068.99			

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3743552.23       20.67647  (18011906)
        387068.99   3743602.23       21.73144  (15021221)                387068.99
3743652.23       22.31366  (15012520)
        387068.99   3743702.23       22.63663  (15021119)                387068.99
3743752.23       23.12883  (15021119)
        387068.99   3743802.23       23.01679  (17020202)                387068.99
3743852.23       33.21506  (18011823)
        387068.99   3743902.23       42.26273  (18011823)                387068.99
3743952.23       45.49575  (15021706)
        387068.99   3744002.23       45.61754  (15020404)                387068.99
3744052.23       44.83036  (19020402)
        387068.99   3744102.23       44.82054  (17021624)                387068.99
3744152.23       43.80306  (15022104)
        387118.99   3743502.23       21.55820  (18011907)                387118.99
3743552.23       22.20090  (16121001)
        387118.99   3743602.23       23.30933  (15021221)                387118.99
3743652.23       23.97245  (15012520)
        387118.99   3743702.23       24.25254  (15010719)                387118.99
3743752.23       25.17824  (15021119)
        387118.99   3743802.23       25.05172  (17021623)                387118.99
3743852.23       35.10670  (18011823)
        387118.99   3743902.23       45.57057  (18011823)                387118.99
3743952.23       49.31878  (15021706)
        387118.99   3744002.23       49.53548  (15020404)                387118.99
3744052.23       48.26481  (19020402)
        387118.99   3744102.23       47.98366  (17021624)                387118.99
3744152.23       47.00584  (19020322)
        387168.99   3743502.23       22.82471  (18021302)                387168.99
3743552.23       23.83354  (17020122)
        387168.99   3743602.23       24.68682  (15021221)                387168.99
3743652.23       25.58374  (15021221)
        387168.99   3743702.23       26.34899  (18010707)                387168.99
3743752.23       27.37650  (15021119)
        387168.99   3743802.23       27.33709  (17021623)                387168.99
3743852.23       37.14597  (18011823)
        387168.99   3743902.23       49.34077  (18011823)                387168.99
3743952.23       53.71998  (15021706)
        387168.99   3744002.23       53.98010  (15020404)                387168.99
3744052.23       51.98234  (19020402)
        387168.99   3744102.23       52.43742  (16022924)                387168.99
3744152.23       51.11710  (19020322)
        387218.99   3743502.23       24.41855  (15020607)                387218.99
3743552.23       25.59648  (18011907)
        387218.99   3743602.23       26.44684  (16121001)                387218.99
3743652.23       27.97484  (15021221)
        387218.99   3743702.23       28.80060  (15012520)                387218.99
3743752.23       29.70203  (15021119)
        387218.99   3743802.23       29.86577  (17021623)                387218.99
3743852.23       39.34535  (18011823)
        387218.99   3743902.23       53.68148  (18011823)                387218.99
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3743952.23   58.83825 (15021706)
        387218.99   3744002.23   59.05665 (15020404)   387218.99
3744052.23   57.39560 (17021624)
        387218.99   3744102.23   57.04972 (16022924)   387218.99
3744152.23   54.98084 (19020322)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DOCKS   ***
                                    INCLUDING SOURCE(S):   L0000534   , L0000535
, L0000536   , L0000537   , L0000538   ,
                  L0000539   , L0000540   , L0000541   , L0000542   , L0000543
, L0000544   , L0000545   , L0000546   ,
                  L0000547   , L0000548   , L0000549   , L0000550   , L0000551
, L0000552   , L0000553   ,

                                              *** 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)
 -
- -
        387268.99   3743502.23   25.71073 (15020607)   387268.99
3743552.23   27.25714 (18021302)
        387268.99   3743602.23   28.70912 (17020122)   387268.99
3743652.23   30.18086 (15021221)
        387268.99   3743702.23   31.41898 (15012520)   387268.99
3743752.23   32.11595 (15021119)
        387268.99   3743802.23   32.78205 (16020819)   387268.99
3743852.23   41.69899 (18011823)
        387268.99   3743902.23   58.70668 (18011823)   387268.99
3743952.23   64.84004 (15021706)
        387268.99   3744002.23   64.88000 (15020404)   387268.99
3744052.23   63.64411 (17021624)
        387268.99   3744102.23   62.11390 (15022104)   387268.99
3744152.23   60.38290 (17021401)
        387318.99   3743552.23   29.44042 (15020607)   387318.99
3743602.23   31.15359 (18011907)
        387318.99   3743652.23   32.25983 (16121001)   387318.99
3743702.23   34.24313 (15021221)

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        387318.99   3743752.23       35.24399  (15022007)                387318.99
3743802.23       36.64767  (15021119)
        387318.99   3743852.23       44.19636  (18011823)                387318.99
3743902.23       64.58008  (18011823)
        387318.99   3743952.23       71.94098  (15021706)                387318.99
3744002.23       71.56482  (15020404)
        387318.99   3744052.23       70.54307  (17021624)                387318.99
3744102.23       68.16135  (19020322)
        387318.99   3744152.23       66.08384  (17121605)                387368.99
3743652.23       35.63818  (16121001)
        387368.99   3743702.23       37.93350  (15021221)                387368.99
3743752.23       39.39821  (15012520)
        387368.99   3743802.23       41.08597  (15021119)                387368.99
3743852.23       46.79900  (18011823)
        387368.99   3743902.23       71.52113  (18011823)                387368.99
3743952.23       80.48725  (15021706)
        387368.99   3744002.23       79.27461  (15020404)                387357.30
3743511.78       26.80938  (15020607)
        387407.30   3743561.78       32.15645  (15020607)                387407.30
3743611.78       36.37920  (15020607)
        387453.88   3743868.51       63.74243  (18011823)                387453.88
3743918.51       93.70200  (18011823)
        387453.88   3743968.51       98.28275  (15020404)                387453.88
3744018.51       97.09236  (17021624)
        387453.88   3744068.51       93.88788  (19020322)                387503.88
3743968.51      114.39892  (15020404)
        387503.88   3744018.51      112.12114  (17021624)                387503.88
3744068.51      106.43565  (19020322)
        387503.88   3744118.51      102.04655  (16022221)                387553.88
3744068.51      123.19857  (17121605)
        387553.88   3744118.51      114.56052  (18010823)                387015.27
3744263.55       38.56656  (17121605)
        387015.27   3744313.55       38.23059  (16022221)                387015.27
3744363.55       36.87114  (18010823)
        387015.27   3744413.55       35.78763  (19121401)                387015.27
3744463.55       34.09629  (15022622)
        387015.27   3744513.55       31.50255  (15022622)                387015.27
3744563.55       26.30616  (15012104)
        387015.27   3744613.55       20.06348  (15012104)                387015.27
3744663.55       14.12757  (15012104)
        387015.27   3744713.55        9.91976  (19102722)                387015.27
3744763.55        8.87081  (17020802)
        387015.27   3744813.55        8.48576  (17020523)                387015.27
3744863.55        8.15762  (19011123)
        387065.27   3744263.55       41.39615  (16022221)                387065.27
3744313.55       40.11073  (17011124)
        387065.27   3744363.55       39.06911  (16010324)                387065.27
3744413.55       37.77178  (19121401)
        387065.27   3744463.55       35.51462  (15022622)                387065.27
3744513.55       30.67884  (15022622)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DOCKS ***
INCLUDING SOURCE(S): L0000534 , L0000535 , L0000536 , L0000537 , L0000538 ,
L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 ,
L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 ,

*** 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)
387065.27	3744563.55	23.95418	(15012104)	387065.27	3744613.55	17.10102	(15012104)
387065.27	3744663.55	11.71236	(19102722)	387065.27	3744713.55	9.63106	(17020802)
387065.27	3744763.55	9.18377	(17020523)	387065.27	3744813.55	8.80512	(19011123)
387065.27	3744863.55	8.47260	(17011202)	387115.27	3744263.55	44.89697	(16022221)
387115.27	3744313.55	43.01762	(18010823)	387115.27	3744363.55	41.63165	(19121401)
387115.27	3744413.55	39.49866	(15022622)	387115.27	3744463.55	35.58999	(15022622)
387115.27	3744513.55	28.59588	(15022622)	387115.27	3744563.55	20.78120	(15012104)
387115.27	3744613.55	13.91432	(19102722)	387115.27	3744663.55	10.50149	(17020802)
387115.27	3744713.55	9.98351	(17020523)	387115.27	3744763.55	9.54593	(19011123)
387115.27	3744813.55	9.16519	(17011202)	387115.27	3744863.55	8.83771	(15012024)
387165.27	3744263.55	47.65027	(16022221)	387165.27	3744313.55	45.95697	(16010324)
387165.27	3744363.55	44.11605	(19121401)	387165.27

3744413.55 40.92944 (15022622)
387165.27 3744463.55 34.09284 (15022622) 387165.27
3744513.55 25.33998 (15022622)
387165.27 3744563.55 17.08392 (15022622) 387165.27
3744613.55 11.55645 (19102722)
387165.27 3744663.55 10.90695 (17020523) 387165.27
3744713.55 10.39988 (19011123)
387165.27 3744763.55 9.96074 (17011202) 387165.27
3744813.55 9.58735 (15012024)
387165.27 3744863.55 9.15805 (15012024) 387215.27
3744263.55 51.07273 (18010823)
387215.27 3744313.55 49.33485 (19121401) 387215.27
3744363.55 46.47052 (15022622)
387215.27 3744413.55 40.49843 (15022622) 387215.27
3744463.55 30.98054 (15022622)
387215.27 3744513.55 21.19665 (15022622) 387215.27
3744563.55 13.92746 (19102722)
387215.27 3744613.55 11.98299 (17020523) 387215.27
3744663.55 11.39228 (19011123)
387215.27 3744713.55 10.88144 (17011202) 387215.27
3744763.55 10.44997 (15012024)
387215.27 3744813.55 9.92216 (15012024) 387215.27
3744863.55 9.55253 (18011818)
387265.27 3744263.55 55.19705 (16010324) 387265.27
3744313.55 52.52440 (19121401)
387265.27 3744363.55 47.77341 (15022622) 387265.27
3744413.55 37.92507 (15022622)
387265.27 3744463.55 26.47843 (15022622) 387265.27
3744513.55 16.93617 (19102722)
387265.27 3744563.55 13.24812 (17020802) 387265.27
3744613.55 12.55781 (19011123)
387265.27 3744663.55 11.95615 (17011202) 387265.27
3744713.55 11.44930 (15012024)
387265.27 3744763.55 10.79652 (15012024) 387265.27
3744813.55 10.43212 (18011818)
387265.27 3744863.55 9.95641 (18011818) 387315.27
3744263.55 59.85754 (19121401)
387315.27 3744313.55 55.68278 (15022622) 387315.27
3744363.55 46.40108 (15022622)
387315.27 3744413.55 33.28405 (15022622) 387315.27
3744463.55 21.10200 (15022622)
387315.27 3744513.55 14.82299 (17020802) 387315.27
3744563.55 13.94349 (19011123)
387315.27 3744613.55 13.22717 (17011202) 387315.27
3744663.55 12.61958 (15012024)
387315.27 3744713.55 11.86452 (16121517) 387315.27
3744763.55 11.43987 (18011818)
387315.27 3744813.55 10.80988 (18011818) 387315.27
3744863.55 10.23100 (16011522)
387365.27 3744263.55 64.07506 (19121401) 387365.27

3744313.55   56.53356 (15022622)
        387365.27   3744363.55   42.07900 (15022622)   387365.27
3744413.55   27.08175 (15022622)
        387365.27   3744463.55   16.78282 (19102722)   387365.27
3744513.55   15.61210 (19011123)
        387365.27   3744563.55   14.74582 (17011202)   387365.27
3744613.55   14.00456 (15012024)
        387365.27   3744663.55   13.15187 (18011818)   387365.27
3744713.55   12.59828 (18011818)
        387365.27   3744763.55   11.81465 (16011522)   387365.27
3744813.55   11.12697 (19010622)
        387365.27   3744863.55   10.49908 (18020124)   387415.27
3744313.55   53.40130 (15022622)
        387415.27   3744363.55   35.15686 (15022622)   387415.27
3744413.55   21.05679 (19102722)
        387415.27   3744463.55   17.65462 (19011123)   387415.27
3744513.55   16.58664 (17011202)
        387415.27   3744563.55   15.65893 (15012024)   387415.27
3744613.55   14.72885 (18011818)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DOCKS   ***
                                    INCLUDING SOURCE(S):   L0000534   , L0000535
, L0000536   , L0000537   , L0000538   ,
                 L0000539   , L0000540   , L0000541   , L0000542   , L0000543
, L0000544   , L0000545   , L0000546   ,
                 L0000547   , L0000548   , L0000549   , L0000550   , L0000551
, L0000552   , L0000553   ,

                                          *** 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)
 -
- -
        387415.27   3744663.55   13.93804 (18011818)   387415.27
3744713.55   13.02394 (16011522)
        387415.27   3744763.55   12.16661 (19010622)   387415.27
3744813.55   11.54704 (18020124)

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        387415.27   3744863.55       10.88169  (18020124)                387465.27
3744513.55       17.66646  (15012024)
        387465.27   3744563.55       16.61240  (18011818)                387465.27
3744613.55       15.49581  (18011818)
        387465.27   3744663.55       14.39862  (16011522)                387465.27
3744713.55       13.45395  (18020124)
        387465.27   3744763.55       12.69366  (18020124)                387465.27
3744813.55       11.85063  (19120722)
        387465.27   3744863.55       10.96782  (19120722)                387515.27
3744663.55       15.03945  (18020124)
        387515.27   3744713.55       13.96582  (19120722)                387515.27
3744763.55       12.87794  (19120722)
        387515.27   3744813.55       11.71118  (19120722)                387515.27
3744863.55       10.53169  (19120722)
        387565.27   3744813.55       10.94844  (19120722)                387565.27
3744863.55        9.58705  (19120722)
        387524.44   3742913.36        6.44323  (19113016)                387574.44
3742963.36        7.24047  (19113016)
        387574.44   3743013.36        7.73318  (19113016)                387624.44
3742963.36        7.23924  (19113016)
        387624.44   3743013.36        7.97428  (19113016)                387624.44
3743063.36        8.71556  (19113016)
        387674.44   3742963.36        6.70611  (19113016)                387674.44
3743013.36        7.59582  (19113016)
        387674.44   3743063.36        8.56165  (19113016)                387674.44
3743113.36        9.59156  (19113016)
        387724.44   3742963.36        7.49672  (19030603)                387724.44
3743013.36        7.34121  (19030603)
        387724.44   3743063.36        7.70550  (19113016)                387724.44
3743113.36        8.89846  (19113016)
        387774.44   3742963.36       12.44603  (19030603)                387774.44
3743013.36       12.54769  (19030603)
        387774.44   3743063.36       12.61265  (19030603)                387774.44
3743113.36       12.63159  (19030603)
        387774.44   3743163.36       12.59312  (19030603)                387824.44
3742963.36       19.60849  (18120320)
        387824.44   3743013.36       20.08630  (18120320)                387824.44
3743063.36       20.55281  (18120320)
        387824.44   3743113.36       21.00062  (18120320)                387824.44
3743163.36       21.41796  (18120320)
        387824.44   3743213.36       22.01544  (19030603)                387874.44
3742963.36       28.81888  (18120320)
        387874.44   3743013.36       30.21958  (18120320)                387874.44
3743063.36       31.73160  (18120320)
        387874.44   3743113.36       33.36122  (18120320)                387874.44
3743163.36       35.12940  (18120320)
        387874.44   3743213.36       37.05572  (18120320)                387874.44
3743263.36       39.14181  (18120320)
        387924.44   3742963.36       36.37686  (18120320)                387924.44
3743013.36       38.69385  (18120320)
```

```
        387924.44   3743063.36       41.27233  (18120320)                387924.44
3743113.36       44.15089  (18120320)
        387924.44   3743163.36       47.37986  (18120320)                387924.44
3743213.36       51.03932  (18120320)
        387924.44   3743263.36       55.21364  (18120320)                387924.44
3743313.36       60.01741  (18120320)
        387974.44   3742963.36       39.38664  (18120320)                387974.44
3743013.36       42.09898  (18120320)
        387974.44   3743063.36       45.14219  (18120320)                387974.44
3743113.36       48.57654  (18120320)
        387974.44   3743163.36       52.46428  (18120320)                387974.44
3743213.36       56.92979  (18120320)
        387974.44   3743263.36       62.06427  (18120320)                387974.44
3743313.36       68.01883  (18120320)
        387974.44   3743363.36       75.00887  (18120320)                388024.44
3742963.36       39.41422  (15021923)
        388024.44   3743013.36       42.02928  (15021923)                388024.44
3743063.36       44.93570  (15021923)
        388024.44   3743113.36       48.16032  (15021923)                388024.44
3743163.36       51.81854  (15021923)
        388024.44   3743213.36       56.20287  (16011220)                388024.44
3743263.36       61.50483  (16011220)
        388024.44   3743313.36       67.66401  (16020620)                388024.44
3743363.36       75.04869  (16020620)
        388024.44   3743413.36       83.65417  (16020620)                388074.44
3742963.36       39.60034  (16020620)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:51:24

                                    PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  DOCKS    ***
                                    INCLUDING SOURCE(S):     L0000534    , L0000535
, L0000536    , L0000537    , L0000538    ,
                  L0000539    , L0000540    , L0000541    , L0000542    , L0000543
, L0000544    , L0000545    , L0000546    ,
                  L0000547    , L0000548    , L0000549    , L0000550    , L0000551
, L0000552    , L0000553    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)   CONC   (YYMMDDHH)
 -
        388074.44   3743013.36   42.31580 (16020620)   388074.44
3743063.36   45.26817 (16020620)
        388074.44   3743113.36   48.49149 (16020620)   388074.44
3743163.36   52.04788 (16020620)
        388074.44   3743213.36   56.36053 (19011821)   388074.44
3743263.36   61.36497 (19011821)
        388074.44   3743313.36   67.75691 (18010802)   388074.44
3743363.36   75.08339 (18010802)
        388074.44   3743413.36   83.09000 (18010802)   388074.44
3743463.36   93.12113 (15020906)
        388124.44   3742963.36   38.83152 (19120620)   388124.44
3743013.36   41.83971 (19120620)
        388124.44   3743063.36   45.03254 (19120620)   388124.44
3743113.36   48.48674 (19120620)
        388124.44   3743163.36   52.02140 (19120620)   388124.44
3743213.36   56.67794 (15020906)
        388124.44   3743263.36   61.67398 (15020906)   388124.44
3743313.36   66.78751 (15020906)
        388124.44   3743363.36   73.99182 (16022521)   388124.44
3743413.36   81.82773 (16022521)
        388174.44   3742963.36   39.12137 (15020906)   388174.44
3743013.36   41.85634 (15020906)
        388174.44   3743063.36   44.54119 (15020906)   388174.44
3743113.36   47.37107 (15012907)
        388174.44   3743163.36   51.50439 (16022521)   388174.44
3743213.36   55.83434 (16022521)
        388174.44   3743263.36   60.22398 (17021220)   388174.44
3743313.36   65.36962 (16121207)
        388174.44   3743363.36   71.92574 (17020221)   388174.44
3743413.36   79.46826 (15011820)
        388224.44   3742963.36   38.54639 (16022521)   388224.44
3743013.36   41.28170 (16022521)
        388224.44   3743063.36   43.78433 (16022521)   388224.44
3743113.36   46.69759 (17021220)
        388224.44   3743163.36   49.97945 (16121207)   388224.44
3743213.36   54.24002 (17020221)
        388224.44   3743263.36   58.94524 (15011820)   388224.44
3743313.36   64.04255 (16121421)
        388224.44   3743363.36   69.41083 (16121421)   388274.44
3742963.36   37.69228 (16121207)
        388274.44   3743013.36   39.92981 (18122404)   387475.71
3743311.02   10.82400 (18090707)
        387490.71   3743311.02   11.34624 (18090707)   387451.13
3743316.16   9.64118 (18090707)
        387379.86   3743317.08   7.81868 (17022606)   387399.86
3743317.08   8.08663 (19012422)
        387419.86   3743317.08   8.35884 (19012422)   387439.86

3743317.08   9.02436 (18090707)
        387019.21   3742972.33   4.08752 (17022606)   387019.21
3743022.33   4.31276 (17022606)
        387019.21   3743072.33   5.05690 (16121307)   387019.21
3743122.33   6.85304 (15020607)
        387019.21   3743172.33   9.03067 (15020607)   387019.21
3743222.33   11.45361 (15020607)
        387019.21   3743272.33   13.88067 (15020607)   387019.21
3743322.33   15.97916 (15020607)
        387069.21   3742972.33   4.18761 (19012422)   387069.21
3743022.33   4.41476 (17022606)
        387069.21   3743072.33   4.66822 (17022606)   387069.21
3743122.33   5.79893 (16121307)
        387069.21   3743172.33   7.90498 (15020607)   387069.21
3743222.33   10.42215 (15020607)
        387069.21   3743272.33   13.15796 (15020607)   387069.21
3743322.33   15.79853 (15020607)
        387119.21   3742972.33   4.45081 (19012422)   387119.21
3743022.33   4.54565 (19012422)
        387119.21   3743072.33   4.78923 (17022606)   387119.21
3743122.33   5.07668 (17022606)
        387119.21   3743172.33   6.69369 (15020607)   387119.21
3743222.33   9.17733 (15020607)
        387119.21   3743272.33   12.09074 (15020607)   387119.21
3743322.33   15.17611 (15020607)
        387169.21   3742972.33   4.76269 (18090707)   387169.21
3743022.33   4.83449 (19012422)
        387169.21   3743072.33   4.95606 (19012422)   387169.21
3743122.33   5.22077 (17022606)
        387169.21   3743172.33   5.55919 (16121307)   387169.21
3743222.33   7.79582 (15020607)
        387169.21   3743272.33   10.72395 (15020607)   387169.21
3743322.33   14.10476 (15020607)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DOCKS   ***
                                   INCLUDING SOURCE(S):   L0000534   , L0000535
, L0000536   , L0000537   , L0000538   ,
                L0000539   , L0000540   , L0000541   , L0000542   , L0000543
, L0000544   , L0000545   , L0000546   ,
                L0000547   , L0000548   , L0000549   , L0000550   , L0000551
, L0000552   , L0000553   ,

*** 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)
387219.21	3742972.33	5.76662	(18090707)	387219.21	3743022.33	5.40603	(18090707)
387219.21	3743072.33	5.27552	(19012422)	387219.21	3743122.33	5.43255	(19012422)
387219.21	3743172.33	5.72152	(17022606)	387219.21	3743222.33	6.45502	(16121307)
387219.21	3743272.33	9.14705	(15020607)	387219.21	3743322.33	12.62302	(15020607)
387269.21	3742972.33	6.31885	(18090707)	387269.21	3743022.33	6.43100	(18090707)
387269.21	3743072.33	6.15582	(18090707)	387269.21	3743122.33	5.78680	(19012422)
387269.21	3743172.33	5.98981	(19012422)	387269.21	3743222.33	6.31160	(17022606)
387269.21	3743272.33	7.55989	(16121307)	387269.21	3743322.33	10.82861	(15020607)
387319.21	3742972.33	6.22340	(18090707)	387319.21	3743022.33	6.87231	(18090707)
387319.21	3743072.33	7.17448	(18090707)	387319.21	3743122.33	7.02888	(18090707)
387319.21	3743172.33	6.40665	(18090707)	387319.21	3743222.33	6.64878	(19012422)
387319.21	3743272.33	7.01268	(17022606)	387319.21	3743322.33	8.93909	(16121307)
387369.21	3742972.33	5.46944	(18090707)	387369.21	3743022.33	6.54732	(18090707)
387369.21	3743072.33	7.44873	(18090707)	387369.21	3743122.33	7.99902	(18090707)
387369.21	3743172.33	8.04393	(18090707)	387369.21	3743222.33	7.50283	(18090707)
387369.21	3743272.33	7.43672	(19012422)	387419.21	3742972.33	5.52282	(19011203)
387419.21	3743022.33	5.82317	(19011203)	387419.21	3743072.33	6.83164	(18090707)
387419.21	3743122.33	8.03274	(18090707)	387419.21	3743172.33	8.90308	(18090707)
387419.21	3743222.33	9.22110	(18090707)	387419.21	3743272.33	8.83171	(18090707)
387469.21	3743072.33	6.42275	(19011203)	387469.21	3743122.33	7.05182	(18090707)

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        387469.21   3743172.33        8.60196  (18090707)                387469.21
3743222.33        9.87832  (18090707)
        387469.21   3743272.33       10.58028  (18090707)                387578.38
3743390.44       14.54879  (18090707)
        387608.38   3743390.44       14.39711  (18090707)                387638.38
3743390.44       13.27760  (18090707)
        387369.87   3743365.20       10.07883  (16121307)                387399.87
3743365.20        8.79374  (16121307)
        387429.87   3743365.20        8.83929  (19012422)                387459.87
3743365.20        9.34857  (19012422)
        387489.87   3743365.20       10.89138  (18090707)                387489.87
3743395.20       10.16417  (19012422)
        388754.52   3743939.25       85.71220  (17021302)                388754.52
3743989.25       68.74352  (17021302)
        388754.52   3744039.25       38.23328  (18122619)                388754.52
3744089.25       18.31277  (18122619)
        388754.52   3744139.25       10.00353  (15042102)                388754.52
3744189.25        7.53025  (17091307)
        388804.52   3743889.25       82.33279  (15012801)                388804.52
3743939.25       84.08901  (17122922)
        388804.52   3743989.25       67.52092  (17122922)                388804.52
3744039.25       36.86444  (18122619)
        388804.52   3744089.25       20.61755  (16020721)                388804.52
3744139.25       10.28392  (15042102)
        388804.52   3744189.25        7.16711  (17091307)                388804.52
3744239.25        5.84587  (17091307)
        388804.52   3744289.25        5.11239  (15042107)                388854.52
3743889.25       77.99893  (15012801)
        388854.52   3743939.25       79.48954  (17122922)                388854.52
3743989.25       64.48877  (17122922)
        388854.52   3744039.25       35.92619  (18122619)                388854.52
3744089.25       25.73539  (19010419)
        388854.52   3744139.25       10.87992  (18012524)                388854.52
3744189.25        6.76087  (17091307)
        388854.52   3744239.25        5.80312  (17091307)                388854.52
3744289.25        4.63066  (17083118)
        388854.52   3744339.25        4.86285  (15042107)                388904.52
3743889.25       73.65006  (15012801)
        388904.52   3743939.25       74.73467  (17122922)                388904.52
3743989.25       61.49335  (17122922)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24

                                   PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  DOCKS    ***
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                                  INCLUDING SOURCE(S):     L0000534    , L0000535
, L0000536    , L0000537    , L0000538    ,
                 L0000539    , L0000540    , L0000541    , L0000542    , L0000543
, L0000544    , L0000545    , L0000546    ,
                 L0000547    , L0000548    , L0000549    , L0000550    , L0000551
, L0000552    , L0000553    ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        388904.52   3744039.25       35.01376  (18122619)               388904.52
3744089.25       25.69078  (19010419)
        388904.52   3744139.25       25.54282  (19010419)               388904.52
3744189.25       16.29974  (18020602)
        388904.52   3744239.25        9.41444  (19012218)               388904.52
3744289.25        4.48002  (17091307)
        388904.52   3744339.25        4.19314  (15042107)               388904.52
3744389.25        4.53169  (15042107)
        388904.52   3744439.25        4.72022  (18102208)               388954.52
3743939.25       70.64987  (17122922)
        388954.52   3743989.25       59.06343  (17122922)               388954.52
3744039.25       34.07523  (16101422)
        388954.52   3744089.25       26.52616  (15011203)               388954.52
3744139.25       27.33361  (19010419)
        388882.82   3743721.97       69.63873  (16012103)               388882.82
3743771.97       72.05098  (19123019)
        388932.82   3743721.97       66.72036  (18121822)               388932.82
3743771.97       69.09677  (19123019)
        388932.82   3743821.97       69.91103  (19120118)               387765.02
3743382.77       18.08989  (19113016)
        387815.02   3743382.77       21.16793  (19030603)               387815.02
3743432.77       21.33781  (19030603)
        387865.02   3743382.77       40.37936  (18120320)               387865.02
3743432.77       42.63922  (18120320)
        387915.02   3743382.77       64.30112  (18120320)               387915.02
3743432.77       70.62104  (18120320)
        387965.02   3743432.77       86.52737  (18120320)               387713.39
3743372.67       16.58620  (19113016)
        387763.39   3743422.67       20.12341  (19113016)               387583.29
3743113.63        8.72727  (19113016)
        387583.29   3743163.63        9.02578  (19113016)               387583.29
3743213.63        9.16776  (19113016)
        387583.29   3743263.63        9.20194  (19011203)               387633.29
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3743163.63       10.26760  (19113016)
        387633.29   3743213.63       10.92008  (19113016)                387633.29
3743263.63       11.42717  (19113016)
        387633.29   3743313.63       11.71940  (19113016)                387683.29
3743263.63       12.98218  (19113016)
        387683.29   3743313.63       14.04690  (19113016)                388242.48
3743969.33      179.89989  (17122519)
        388242.48   3744019.33       62.88541  (18122619)                388242.48
3744069.33       40.02306  (18102208)
        388242.48   3744119.33       35.89167  (16071707)                388242.48
3744169.33       31.27337  (16071707)
        388242.48   3744219.33       23.34798  (15121020)                388242.48
3744269.33       23.82070  (15121020)
        388242.48   3744319.33       23.01791  (15121020)                388242.48
3744369.33       21.42830  (15121020)
        388242.48   3744419.33       19.43888  (15121020)                388242.48
3744469.33       17.32260  (15121020)
        388292.48   3743969.33      147.47595  (17122519)                388292.48
3744019.33       62.52426  (18122619)
        388292.48   3744069.33       27.59226  (15042107)                388292.48
3744119.33       28.88178  (18102208)
        388292.48   3744169.33       26.53370  (16071707)                388292.48
3744219.33       23.32601  (16071707)
        388292.48   3744269.33       17.10269  (15121020)                388292.48
3744319.33       17.99911  (15121020)
        388292.48   3744369.33       18.02114  (15121020)                388292.48
3744419.33       17.38424  (15121020)
        388292.48   3744469.33       16.31779  (15121020)                388292.48
3744519.33       15.01199  (15121020)
        388292.48   3744569.33       13.60885  (15121020)                388780.42
3742965.27       40.50832  (15021922)
        388780.42   3743015.27       42.92477  (18120723)                388780.42
3743065.27       44.08429  (17122920)
        388780.42   3743115.27       45.35686  (16012102)                388780.42
3743165.27       46.95959  (16021023)
        388780.42   3743215.27       48.25520  (16020924)                388830.42
3742965.27       39.79438  (18120723)
        388830.42   3743015.27       41.89751  (17122920)                388830.42
3743065.27       44.04211  (16012102)
        388830.42   3743115.27       46.18709  (16021607)                388830.42
3743165.27       47.48972  (19120221)
        388880.42   3742965.27       40.21918  (19123120)                388880.42
3743015.27       41.42752  (17012922)
        388880.42   3743065.27       43.62491  (16021607)                388880.42
3743115.27       44.73477  (16011823)
        388880.42   3743165.27       46.92884  (16021522)                388930.42
3742965.27       39.64346  (17012922)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
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                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DOCKS   ***
                                INCLUDING SOURCE(S):   L0000534   , L0000535
, L0000536   , L0000537   , L0000538   ,
                  L0000539   , L0000540   , L0000541   , L0000542   , L0000543
, L0000544   , L0000545   , L0000546   ,
                  L0000547   , L0000548   , L0000549   , L0000550   , L0000551
, L0000552   , L0000553   ,

                                                *** 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)
 -
- -
        388930.42   3743015.27   40.94634 (16021607)   388930.42
3743065.27   42.43015 (16011823)
        388930.42   3743115.27   44.34817 (18021722)   388930.42
3743165.27   45.38711 (16021522)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                  L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                  L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                  L0000591   , L0000592   , L0000593   , L0000594   , L0000595
, L0000596   , L0000597   , . . .   ,

                                                *** 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)
387507.26	3743641.71	129.60597	(16121307)	387507.26	3743691.71	137.37023	(15120720)
387507.26	3743741.71	138.76042	(15021119)	387507.26	3743791.71	186.64535	(18011823)
387507.26	3743841.71	182.94565	(15021706)	387557.26	3743641.71	155.91831	(16010604)
387557.26	3743691.71	185.68069	(16121307)	387557.26	3743741.71	197.30397	(18011906)
387557.26	3743791.71	245.35263	(18011823)	387557.26	3743841.71	221.29112	(15020404)
387557.26	3743891.71	187.70897	(17020622)	387557.26	3743941.71	172.37245	(17121605)
387557.26	3743991.71	163.21574	(16010324)	387607.26	3743841.71	276.13818	(15020404)
387607.26	3743891.71	219.98774	(17020622)	387607.26	3743941.71	205.94295	(16022221)
387607.26	3743991.71	192.16704	(19121401)	387607.26	3744041.71	150.32284	(15022622)
387607.26	3744091.71	78.73474	(15022622)	387657.26	3743841.71	344.48470	(19122208)
387657.26	3743891.71	267.80449	(15022705)	387657.26	3743941.71	251.13296	(16010324)
387657.26	3743991.71	224.24456	(15022622)	387657.26	3744041.71	132.72595	(15022622)
387657.26	3744091.71	72.71624	(19042707)	387657.26	3744141.71	59.41882	(19120722)
387707.26	3743841.71	415.09633	(18012508)	387707.26	3743891.71	355.94588	(16022221)
387707.26	3743941.71	326.65417	(15022622)	387707.26	3743991.71	251.20388	(15022622)
387707.26	3744041.71	120.67878	(19042707)	387707.26	3744091.71	81.22524	(19120722)
387707.26	3744141.71	59.13172	(19120722)	387757.26	3743841.71	588.72575	(15011008)
387757.26	3743891.71	564.29432	(16011922)	387757.26	3743941.71	484.79692	(16011922)
387757.26	3743991.71	292.54346	(19042707)	387757.26	3744041.71	129.04834	(19120616)
387757.26	3744091.71	71.73607	(19120616)	387757.26	3744141.71	48.07452	(18122117)
387862.10	3744056.02	86.83826	(15121020)	387862.10	3744106.02	63.80935	(16121118)
387912.10	3744056.02	68.58907	(15121020)	387912.10			

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3744106.02       58.78389  (15121020)
        387962.10   3744056.02       53.08119  (16093007)                387962.10
3744106.02       48.95183  (15121020)
        388012.10   3744056.02       45.81158  (16093007)                388012.10
3744106.02       39.91309  (15121020)
        388062.10   3744056.02       39.45068  (16093007)                388062.10
3744106.02       33.32448  (15121020)
        387863.31   3744015.45      110.62877  (15121020)                387913.31
3744015.45       78.83528  (16093007)
        387963.31   3744015.45       65.18092  (16093007)                388013.31
3744015.45       54.95855  (16093007)
        388063.31   3744015.45       46.31343  (16093007)                387826.23
3744056.86      103.47664  (17022717)
        387826.23   3744106.86       71.96733  (17022717)                387827.44
3744016.29      145.43059  (17053107)
        387689.52   3743645.82      126.69559  (16093007)                387689.52
3743695.82      136.35316  (16093007)
        387689.52   3743745.82      166.45616  (16093007)                387739.52
3743645.82      119.89075  (19020702)
        387739.52   3743695.82      136.81935  (19020702)                387739.52
3743745.82      166.99149  (19010421)
        387789.52   3743645.82      193.56048  (18120320)                387789.52
3743695.82      255.22687  (18120320)
        387789.52   3743745.82      372.08533  (15020308)                387839.52
3743645.82      200.17884  (18010802)
        387839.52   3743695.82      263.62449  (15020906)                387839.52
3743745.82      385.44229  (18011521)
        387889.52   3743645.82      193.12714  (15011820)                387889.52
3743695.82      248.42337  (15020324)
        387889.52   3743745.82      341.67128  (16020923)                387939.52
3743695.82      229.28527  (16020923)
        387939.52   3743745.82      310.00305  (16012102)                387989.52
3743745.82      294.39456  (16122017)
        387692.61   3743778.61      232.84681  (15120824)                387742.61
3743778.61      235.19463  (16093007)
        387792.61   3743778.61      544.65223  (15020308)                387842.61
3743778.61      527.11639  (15120818)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:51:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                    INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                 L0000575    , L0000576    , L0000577    , L0000578    , L0000579
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, L0000580    , L0000581    , L0000582    ,
                L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        387892.61   3743778.61      455.01382  (16012102)               387942.61
3743778.61      429.39152  (16122017)
        387992.61   3743778.61      408.61088  (18011802)               387654.54
3743692.47      178.77388  (16093007)
        387654.54   3743742.47      194.81790  (16093007)               387705.59
3744244.86       32.77561  (19120722)
        387705.59   3744294.86       25.42260  (19120722)               387755.59
3744244.86       33.15168  (18122117)
        387755.59   3744294.86       28.88983  (18122117)               387755.59
3744344.86       25.59697  (18122117)
        387755.59   3744394.86       22.97796  (18122117)               387805.59
3744294.86       30.28497  (16121017)
        387805.59   3744344.86       26.63346  (16121017)               387805.59
3744394.86       23.77218  (16121017)
        387805.59   3744444.86       21.46262  (16121017)               387805.59
3744494.86       19.55533  (16121017)
        387805.59   3744544.86       17.94967  (16121017)               387855.59
3744444.86       21.90114  (15121021)
        387855.59   3744494.86       19.88378  (19120319)               387855.59
3744544.86       18.19307  (19120319)
        387855.59   3744594.86       16.76350  (15021619)               387905.59
3744544.86       18.39953  (15121021)
        387905.59   3744594.86       17.00962  (15121021)               387905.59
3744644.86       15.78308  (15121021)
        387905.59   3744694.86       14.69543  (15121021)               387955.59
3744644.86       15.70685  (15022619)
        387463.28   3744230.92       33.65654  (18020118)               387463.28
3744280.92       30.63913  (18011818)
        387463.28   3744330.92       28.30326  (18011818)               387513.28
3744230.92       36.28082  (18011818)
        387513.28   3744280.92       32.84740  (18011818)               387513.28
3744330.92       29.55059  (18020124)
        387513.28   3744380.92       27.09780  (19120722)               387513.28
3744430.92       24.36007  (19120722)
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        387513.28   3744480.92       21.57189  (19120722)                387563.28
3744230.92       39.03756  (15120921)
        387563.28   3744280.92       34.80117  (19120722)                387563.28
3744330.92       30.95710  (19120722)
        387563.28   3744380.92       26.99296  (19120722)                387563.28
3744430.92       23.23958  (19120722)
        387563.28   3744480.92       19.85490  (19120722)                387563.28
3744530.92       16.89018  (19120722)
        387563.28   3744580.92       14.33756  (19120722)                387563.28
3744630.92       12.16496  (19120722)
        387613.28   3744230.92       41.77287  (19120722)                387613.28
3744280.92       35.53358  (19120722)
        387613.28   3744330.92       29.76897  (19120722)                387613.28
3744380.92       24.76969  (19120722)
        387613.28   3744430.92       20.56665  (19120722)                387613.28
3744480.92       17.08535  (19120722)
        387613.28   3744530.92       14.30512  (18020601)                387613.28
3744580.92       13.26823  (19120720)
        387613.28   3744630.92       12.38739  (19120720)                387613.28
3744680.92       11.58302  (19120720)
        387663.28   3744330.92       25.88236  (19120722)                387663.28
3744380.92       20.85233  (19120722)
        387663.28   3744430.92       17.68179  (19122817)                387663.28
3744480.92       16.47339  (19122817)
        387663.28   3744530.92       15.39530  (19122817)                387663.28
3744580.92       14.43133  (19122817)
        387663.28   3744630.92       13.56570  (19122817)                387663.28
3744680.92       12.78534  (19122817)
        387713.28   3744480.92       18.35520  (18122117)                387713.28
3744530.92       16.98218  (18122117)
        387713.28   3744580.92       15.78629  (18122117)                387713.28
3744630.92       14.73509  (18122117)
        387713.28   3744680.92       13.80472  (18122117)                387763.28
3744580.92       16.67171  (18122117)
        387763.28   3744630.92       15.48208  (18122117)                387763.28
3744680.92       14.44157  (18122117)
        387813.28   3744680.92       14.64899  (16121017)                387465.01
3744212.81       35.88262  (19102722)
        387515.01   3744212.81       37.79592  (18020118)                387565.01
3744212.81       41.14932  (18011818)
        387615.01   3744212.81       44.12137  (19120722)                387436.03
3744192.12       54.22317  (15022622)
        386968.99   3743502.23       36.59546  (15012520)                386968.99
3743552.23       36.00657  (18010707)
        386968.99   3743602.23       36.39152  (15021119)                386968.99
3743652.23       35.78129  (18011823)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** 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)
386968.99	3743702.23	42.27905	(18011823)	386968.99	3743752.23	50.81584	(18011823)
386968.99	3743802.23	56.74484	(18011823)	386968.99	3743852.23	58.52165	(15021706)
386968.99	3743902.23	57.68520	(15020404)	386968.99	3743952.23	55.55100	(19020402)
386968.99	3744002.23	54.80558	(17021624)	386968.99	3744052.23	53.11835	(15022104)
386968.99	3744102.23	51.95515	(17021401)	386968.99	3744152.23	50.43346	(16022221)
387018.99	3743502.23	40.14308	(16022221)	387018.99	3743552.23	38.98705	(15012520)
387018.99	3743602.23	39.07561	(15021119)	387018.99	3743652.23	38.56255	(16020819)
387018.99	3743702.23	44.13154	(18011823)	387018.99	3743752.23	53.92686	(18011823)
387018.99	3743802.23	60.89836	(18011823)	387018.99	3743852.23	62.84696	(15021706)
387018.99	3743902.23	61.84979	(15020404)	387018.99	3743952.23	59.29182	(17021624)
387018.99	3744002.23	58.73496	(16022924)	387018.99	3744052.23	56.89965	(19020322)
387018.99	3744102.23	55.16667	(17121605)	387018.99	3744152.23	53.96029	(16022221)
387068.99	3743502.23	43.64481	(16022221)	387068.99			

```
3743552.23       42.32724  (15012520)
        387068.99   3743602.23       41.92171  (15021119)                387068.99
3743652.23       42.06408  (15021119)
        387068.99   3743702.23       46.10731  (18011823)                387068.99
3743752.23       57.42411  (18011823)
        387068.99   3743802.23       65.63772  (18011823)                387068.99
3743852.23       67.75329  (15021706)
        387068.99   3743902.23       66.49918  (15020404)                387068.99
3743952.23       64.18892  (17021624)
        387068.99   3744002.23       62.96205  (16022924)                387068.99
3744052.23       60.70325  (19020322)
        387068.99   3744102.23       58.56768  (17121605)                387068.99
3744152.23       57.05149  (16022221)
        387118.99   3743502.23       48.14927  (19121401)                387118.99
3743552.23       45.87970  (15012520)
        387118.99   3743602.23       45.39002  (18010707)                387118.99
3743652.23       45.99777  (15021119)
        387118.99   3743702.23       48.27602  (18011823)                387118.99
3743752.23       61.41312  (18011823)
        387118.99   3743802.23       71.12174  (18011823)                387118.99
3743852.23       73.40527  (15021706)
        387118.99   3743902.23       71.72759  (15020404)                387118.99
3743952.23       69.58041  (17021624)
        387118.99   3744002.23       67.33897  (16022924)                387118.99
3744052.23       64.90654  (17021401)
        387118.99   3744102.23       62.84524  (16022221)                387118.99
3744152.23       60.19558  (17011124)
        387168.99   3743502.23       51.95521  (18011906)                387168.99
3743552.23       50.69785  (18011906)
        387168.99   3743602.23       49.92717  (15012520)                387168.99
3743652.23       50.29493  (15021119)
        387168.99   3743702.23       50.67616  (18011823)                387168.99
3743752.23       65.99538  (18011823)
        387168.99   3743802.23       77.53237  (18011823)                387168.99
3743852.23       79.93375  (15021706)
        387168.99   3743902.23       77.60902  (15020404)                387168.99
3743952.23       75.48244  (17021624)
        387168.99   3744002.23       72.42546  (15022104)                387168.99
3744052.23       69.86867  (17021401)
        387168.99   3744102.23       67.95747  (16022221)                387168.99
3744152.23       64.38299  (18010823)
        387218.99   3743502.23       58.57670  (15120720)                387218.99
3743552.23       56.24310  (18011906)
        387218.99   3743602.23       54.79754  (15012520)                387218.99
3743652.23       54.97121  (15021119)
        387218.99   3743702.23       55.19255  (15021119)                387218.99
3743752.23       71.32327  (18011823)
        387218.99   3743802.23       85.08294  (18011823)                387218.99
3743852.23       87.56504  (15021706)
        387218.99   3743902.23       84.26230  (15020404)                387218.99
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                    INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                 L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                 L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                 L0000591   , L0000592   , L0000593   , L0000594   , L0000595
, L0000596   , L0000597   , . . .   ,

                                                *** 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)
 -
- -
        387268.99   3743502.23   67.46657 (15120720)   387268.99
3743552.23   62.42844 (15120720)
        387268.99   3743602.23   61.61804 (18011906)   387268.99
3743652.23   61.26832 (15012007)
        387268.99   3743702.23   62.27605 (15021119)   387268.99
3743752.23   77.63031 (18011823)
        387268.99   3743802.23   94.17336 (18011823)   387268.99
3743852.23   96.55360 (15021706)
        387268.99   3743902.23   92.12854 (19020402)   387268.99
3743952.23   89.22657 (16022924)
        387268.99   3744002.23   85.29228 (19020322)   387268.99
3744052.23   81.96209 (16022221)
        387268.99   3744102.23   77.97003 (18010823)   387268.99
3744152.23   74.38373 (19121401)
        387318.99   3743552.23   75.83279 (18011823)   387318.99
3743602.23   69.06486 (18011906)

```
        387318.99   3743652.23       69.00775  (15012520)                387318.99
3743702.23       70.57936  (15021119)
        387318.99   3743752.23       85.18759  (18011823)                387318.99
3743802.23      105.37413  (18011823)
        387318.99   3743852.23      107.26636  (15021706)                387318.99
3743902.23      101.58480  (19020402)
        387318.99   3743952.23       98.09333  (17020622)                387318.99
3744002.23       93.26822  (17021401)
        387318.99   3744052.23       89.91841  (16022221)                387318.99
3744102.23       84.52763  (18020802)
        387318.99   3744152.23       79.09198  (15022622)                387368.99
3743652.23       80.17170  (18011906)
        387368.99   3743702.23       80.52289  (15021119)                387368.99
3743752.23       94.46572  (18011823)
        387368.99   3743802.23      119.47489  (18011823)                387368.99
3743852.23      120.16516  (15021706)
        387368.99   3743902.23      112.66165  (17021624)                387368.99
3743952.23      107.86446  (15022104)
        387368.99   3744002.23      102.48738  (17121605)                387357.30
3743511.78       91.64206  (15120720)
        387407.30   3743561.78      121.35756  (15010720)                387407.30
3743611.78       89.86733  (15120720)
        387453.88   3743868.51      146.52312  (15020404)                387453.88
3743918.51      135.76685  (17020622)
        387453.88   3743968.51      127.13733  (17021401)                387453.88
3744018.51      119.96615  (17011124)
        387453.88   3744068.51      113.03827  (19121401)                387503.88
3743968.51      144.23864  (16022221)
        387503.88   3744018.51      135.77963  (16010324)                387503.88
3744068.51      123.00962  (15022622)
        387503.88   3744118.51       89.13971  (15022622)                387553.88
3744068.51      125.49639  (15022622)
        387553.88   3744118.51       73.46453  (15022622)                387015.27
3744263.55       49.30871  (19121401)
        387015.27   3744313.55       46.56258  (15022622)                387015.27
3744363.55       41.65580  (15022622)
        387015.27   3744413.55       33.85374  (15022622)                387015.27
3744463.55       25.17741  (15022622)
        387015.27   3744513.55       17.33945  (15022622)                387015.27
3744563.55       14.09863  (19011123)
        387015.27   3744613.55       13.57960  (17011202)                387015.27
3744663.55       13.12261  (15012024)
        387015.27   3744713.55       12.64778  (15012024)                387015.27
3744763.55       12.26726  (18011818)
        387015.27   3744813.55       11.89950  (18011818)                387015.27
3744863.55       11.39850  (16011522)
        387065.27   3744263.55       51.39960  (19121401)                387065.27
3744313.55       47.65646  (15022622)
        387065.27   3744363.55       40.04988  (15022622)                387065.27
3744413.55       30.46087  (15022622)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 ,
L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 ,
L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** 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)
387065.27	3744463.55	21.22015	(15022622)	387065.27	3744513.55	15.28889	(17020523)
387065.27	3744563.55	14.65424	(19011123)	387065.27	3744613.55	14.13905	(18020118)
387065.27	3744663.55	13.58219	(15012024)	387065.27	3744713.55	13.14220	(18011818)
387065.27	3744763.55	12.70513	(18011818)	387065.27	3744813.55	12.14480	(16011522)
387065.27	3744863.55	11.66252	(19010622)	387115.27	3744263.55	53.88659	(15022622)
387115.27	3744313.55	47.16016	(15022622)	387115.27	3744363.55	36.91586	(15022622)
387115.27	3744413.55	26.12660	(15022622)	387115.27	3744463.55	17.29240	(19102722)
387115.27	3744513.55	15.94150	(19011123)	387115.27	3744563.55	15.31687	(18020118)
387115.27	3744613.55	14.66020	(15012024)	387115.27	3744663.55	14.14517	(18011818)
387115.27	3744713.55	13.62088	(18011818)	387115.27	3744763.55	12.98597	(16011522)
387115.27	3744813.55	12.42531	(19010622)	387115.27			

3744863.55 11.98287 (18020124)
387165.27 3744263.55 55.10368 (15022622) 387165.27
3744313.55 44.73914 (15022622)
387165.27 3744363.55 32.36099 (15022622) 387165.27
3744413.55 21.23546 (15022622)
387165.27 3744463.55 17.45055 (19011123) 387165.27
3744513.55 16.69484 (18020118)
387165.27 3744563.55 15.91502 (15012024) 387165.27
3744613.55 15.30669 (18011818)
387165.27 3744663.55 14.67011 (18011818) 387165.27
3744713.55 13.94030 (16011522)
387165.27 3744763.55 13.27987 (19010622) 387165.27
3744813.55 12.80777 (18020124)
387165.27 3744863.55 12.29905 (19120722) 387215.27
3744263.55 54.07140 (15022622)
387215.27 3744313.55 40.29178 (15022622) 387215.27
3744363.55 26.76544 (15022622)
387215.27 3744413.55 19.24239 (19011123) 387215.27
3744463.55 18.32736 (18020118)
387215.27 3744513.55 17.39287 (15012024) 387215.27
3744563.55 16.66455 (18011818)
387215.27 3744613.55 15.88304 (18011818) 387215.27
3744663.55 15.03033 (16011522)
387215.27 3744713.55 14.29362 (18020124) 387215.27
3744763.55 13.72794 (18020124)
387215.27 3744813.55 13.13142 (19120722) 387215.27
3744863.55 12.45106 (19120722)
387265.27 3744263.55 50.33573 (15022622) 387265.27
3744313.55 34.08531 (15022622)
387265.27 3744363.55 21.39954 (19011123) 387265.27
3744413.55 20.28915 (18020118)
387265.27 3744463.55 19.15917 (15012024) 387265.27
3744513.55 18.27353 (18011818)
387265.27 3744563.55 17.29758 (18011818) 387265.27
3744613.55 16.29695 (19010622)
387265.27 3744663.55 15.49239 (18020124) 387265.27
3744713.55 14.79842 (19120722)
387265.27 3744763.55 14.04535 (19120722) 387265.27
3744813.55 13.19623 (19120722)
387265.27 3744863.55 12.28806 (19120722) 387315.27
3744263.55 43.87330 (15022622)
387315.27 3744313.55 26.82564 (15022622) 387315.27
3744363.55 22.68903 (18020118)
387315.27 3744413.55 21.30285 (15012024) 387315.27
3744463.55 20.20778 (18011818)
387315.27 3744513.55 18.96860 (18011818) 387315.27
3744563.55 17.79290 (19010622)
387315.27 3744613.55 16.87114 (18020124) 387315.27
3744663.55 16.01719 (19120722)
387315.27 3744713.55 15.04609 (19120722) 387315.27

3744763.55   13.98507 (19120722)
        387315.27   3744813.55   12.88141 (19120722)   387315.27
3744863.55   11.77394 (19120722)
        387365.27   3744263.55   35.29738 (15022622)   387365.27
3744313.55   25.68187 (18020118)
        387365.27   3744363.55   23.95735 (15012024)   387365.27
3744413.55   22.57222 (18011818)
        387365.27   3744463.55   20.96797 (16011522)   387365.27
3744513.55   19.54803 (19010622)
        387365.27   3744563.55   18.50602 (19120722)   387365.27
3744613.55   17.39013 (19120722)
        387365.27   3744663.55   16.13326 (19120722)   387365.27
3744713.55   14.80679 (19120722)
        387365.27   3744763.55   13.46808 (19120722)   387365.27
3744813.55   12.16084 (19120722)
        387365.27   3744863.55   10.91558 (19120722)   387415.27
3744313.55   27.31934 (15012024)
        387415.27   3744363.55   25.52064 (18011818)   387415.27
3744413.55   23.47914 (16011522)
        387415.27   3744463.55   21.77618 (18020124)   387415.27
3744513.55   20.44160 (19120722)
        387415.27   3744563.55   18.92953 (19120722)   387415.27
3744613.55   17.29942 (19120722)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                    INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                 L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                 L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                 L0000591   , L0000592   , L0000593   , L0000594   , L0000595
, L0000596   , L0000597   , . . .   ,

                                                *** 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)

- -
- -
387415.27 3744663.55 15.64183 (19120722) 387415.27
3744713.55 14.02385 (19120722)
387415.27 3744763.55 12.49023 (19120722) 387415.27
3744813.55 11.06797 (19120722)
387415.27 3744863.55 9.77061 (19120722) 387465.27
3744513.55 20.63926 (19120722)
387465.27 3744563.55 18.52095 (19120722) 387465.27
3744613.55 16.45608 (19120722)
387465.27 3744663.55 14.51326 (19120722) 387465.27
3744713.55 12.73081 (19120722)
387465.27 3744763.55 11.12503 (19120722) 387465.27
3744813.55 9.69769 (19120722)
387465.27 3744863.55 8.82958 (18020601) 387515.27
3744663.55 12.84450 (19120722)
387515.27 3744713.55 11.06019 (19120722) 387515.27
3744763.55 10.04228 (18020601)
387515.27 3744813.55 9.49121 (18020601) 387515.27
3744863.55 8.98345 (19022518)
387565.27 3744813.55 9.69612 (19120720) 387565.27
3744863.55 9.18076 (19120720)
387524.44 3742913.36 53.91131 (18120320) 387574.44
3742963.36 53.03293 (16020620)
387574.44 3743013.36 57.88339 (16020620) 387624.44
3742963.36 47.41930 (15020906)
387624.44 3743013.36 51.30372 (16022521) 387624.44
3743063.36 55.63209 (16121207)
387674.44 3742963.36 42.92727 (18120320) 387674.44
3743013.36 45.59899 (16121421)
387674.44 3743063.36 49.13543 (15020324) 387674.44
3743113.36 53.50521 (17120618)
387724.44 3742963.36 43.31633 (18120320) 387724.44
3743013.36 45.36019 (18120320)
387724.44 3743063.36 47.61581 (18120320) 387724.44
3743113.36 50.07277 (18120320)
387774.44 3742963.36 44.30522 (18120320) 387774.44
3743013.36 46.68956 (18120320)
387774.44 3743063.36 49.37171 (18120320) 387774.44
3743113.36 52.41110 (18120320)
387774.44 3743163.36 55.88384 (18120320) 387824.44
3742963.36 44.29074 (15021923)
387824.44 3743013.36 46.82082 (15021923) 387824.44
3743063.36 49.70585 (15021923)
387824.44 3743113.36 53.03067 (15021923) 387824.44
3743163.36 56.89777 (15021923)
387824.44 3743213.36 61.44729 (15021923) 387874.44
3742963.36 43.64527 (16011220)
387874.44 3743013.36 46.24002 (16011220) 387874.44
3743063.36 49.24347 (16020620)

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        387874.44   3743113.36       52.75543  (16020620)                387874.44
3743163.36       56.84053  (16020620)
        387874.44   3743213.36       61.60745  (16020620)                387874.44
3743263.36       67.13854  (16020620)
        387924.44   3742963.36       43.76771  (16020620)                387924.44
3743013.36       46.21845  (16020620)
        387924.44   3743063.36       48.92288  (16020620)                387924.44
3743113.36       52.11148  (18010802)
        387924.44   3743163.36       56.41010  (18010802)                387924.44
3743213.36       61.28733  (18010802)
        387924.44   3743263.36       66.73994  (18010802)                387924.44
3743313.36       72.81740  (15020906)
        387974.44   3742963.36       43.69430  (18010802)                387974.44
3743013.36       46.27537  (18010802)
        387974.44   3743063.36       49.05793  (18010802)                387974.44
3743113.36       52.51982  (15020906)
        387974.44   3743163.36       56.35926  (15020906)                387974.44
3743213.36       60.45656  (15012907)
        387974.44   3743263.36       66.22026  (16022521)                387974.44
3743313.36       72.32850  (16022521)
        387974.44   3743363.36       79.32790  (16121207)                388024.44
3742963.36       43.29631  (15020906)
        388024.44   3743013.36       45.57789  (15012907)                388024.44
3743063.36       48.79381  (16022521)
        388024.44   3743113.36       52.26984  (16022521)                388024.44
3743163.36       55.82011  (16022521)
        388024.44   3743213.36       59.98172  (16121207)                388024.44
3743263.36       64.84714  (17020221)
        388024.44   3743313.36       71.04445  (15011820)                388024.44
3743363.36       77.98755  (16121421)
        388024.44   3743413.36       86.20133  (15020324)                388074.44
3743413.36       43.06167  (16022521)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:51:24

                                    PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  HAUL     ***
                                    INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,
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*** 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)
388074.44	3743013.36	45.35874	(17021220)	388074.44	3743063.36	48.10198	(16121207)
388074.44	3743113.36	51.14705	(17020221)	388074.44	3743163.36	55.04788	(15011820)
388074.44	3743213.36	59.15292	(15011820)	388074.44	3743263.36	64.09040	(16121421)
388074.44	3743313.36	69.63954	(19120702)	388074.44	3743363.36	76.02412	(19120702)
388074.44	3743413.36	84.41077	(17120618)	388074.44	3743463.36	93.79202	(17120618)
388124.44	3742963.36	42.21257	(17020221)	388124.44	3743013.36	44.77863	(17020221)
388124.44	3743063.36	47.66453	(15011820)	388124.44	3743113.36	50.76165	(16121421)
388124.44	3743163.36	54.22522	(16121421)	388124.44	3743213.36	58.35590	(19120702)
388124.44	3743263.36	62.84529	(19120702)	388124.44	3743313.36	68.32639	(18121103)
388124.44	3743363.36	75.20423	(17120618)	388124.44	3743413.36	81.93161	(16020621)
388174.44	3742963.36	41.76440	(15011820)	388174.44	3743013.36	44.41163	(16121421)
388174.44	3743063.36	46.75855	(16121421)	388174.44	3743113.36	50.17038	(19120702)
388174.44	3743163.36	53.37260	(19120702)	388174.44	3743213.36	57.30015	(18121103)
388174.44	3743263.36	62.23018	(17120618)	388174.44	3743313.36	66.69726	(17120618)
388174.44	3743363.36	73.07465	(18122020)	388174.44	3743413.36	79.91023	(16021121)
388224.44	3742963.36	41.11910	(18020306)	388224.44	3743013.36	43.88761	(19120702)
388224.44	3743063.36	46.15990	(19120702)	388224.44	3743113.36	49.21433	(18121103)
388224.44	3743163.36	52.69606	(17120618)	388224.44	3743213.36	56.52989	(17120618)
388224.44	3743263.36	60.42170	(16020621)	388224.44	3743313.36	65.31321	(18122020)
388224.44	3743363.36	71.03282	(16021121)	388274.44			

3742963.36   40.60773 (19120702)
        388274.44   3743013.36   43.02242 (18121103)   387475.71
3743311.02   215.73585 (19020702)
        387490.71   3743311.02   256.82235 (19020702)   387451.13
3743316.16   196.19859 (17122908)
        387379.86   3743317.08   188.04672 (16021108)   387399.86
3743317.08   193.00636 (16021108)
        387419.86   3743317.08   195.86389 (16021108)   387439.86
3743317.08   198.88084 (17122908)
        387019.21   3742972.33   14.18101 (19012422)   387019.21
3743022.33   20.23067 (16121307)
        387019.21   3743072.33   28.54738 (15020607)   387019.21
3743122.33   37.33426 (15020607)
        387019.21   3743172.33   43.76420 (15020607)   387019.21
3743222.33   45.72197 (15020607)
        387019.21   3743272.33   44.04146 (17011522)   387019.21
3743322.33   43.70469 (18011823)
        387069.21   3742972.33   16.03564 (18090707)   387069.21
3743022.33   16.82626 (16121307)
        387069.21   3743072.33   25.23698 (16121307)   387069.21
3743122.33   35.75052 (15020607)
        387069.21   3743172.33   45.71379 (15020607)   387069.21
3743222.33   50.85170 (15020607)
        387069.21   3743272.33   49.46519 (17011522)   387069.21
3743322.33   51.44971 (18011823)
        387119.21   3742972.33   19.20768 (18090707)   387119.21
3743022.33   19.49299 (18090707)
        387119.21   3743072.33   21.15999 (16121307)   387119.21
3743122.33   32.31078 (16121307)
        387119.21   3743172.33   45.79154 (15020607)   387119.21
3743222.33   56.47004 (15020607)
        387119.21   3743272.33   57.51962 (15020607)   387119.21
3743322.33   62.26806 (18011823)
        387169.21   3742972.33   19.92507 (18090707)   387169.21
3743022.33   22.64250 (18090707)
        387169.21   3743072.33   24.06476 (18090707)   387169.21
3743122.33   27.47051 (16121307)
        387169.21   3743172.33   42.83556 (16121307)   387169.21
3743222.33   60.68625 (15020607)
        387169.21   3743272.33   69.89043 (15020607)   387169.21
3743322.33   78.20320 (18011823)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: HAUL   ***
                                INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                L0000591   , L0000592   , L0000593   , L0000594   , L0000595
, L0000596   , L0000597   , . . .   ,

                                          *** 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)
 -
- -
        387219.21   3742972.33   17.99246 (16020820)   387219.21
3743022.33   22.55534 (18090707)
        387219.21   3743072.33   26.93339 (18090707)   387219.21
3743122.33   30.21849 (18090707)
        387219.21   3743172.33   37.24640 (16121307)   387219.21
3743222.33   59.78636 (16121307)
        387219.21   3743272.33   85.68885 (15020607)   387219.21
3743322.33   102.34757 (18011823)
        387269.21   3742972.33   21.05034 (19113016)   387269.21
3743022.33   22.68351 (19113016)
        387269.21   3743072.33   25.62746 (18090707)   387269.21
3743122.33   32.41957 (18090707)
        387269.21   3743172.33   38.70263 (18090707)   387269.21
3743222.33   54.14526 (16121307)
        387269.21   3743272.33   92.00919 (16121307)   387269.21
3743322.33   154.27161 (15020607)
        387319.21   3742972.33   22.80113 (19113016)   387319.21
3743022.33   25.75921 (19113016)
        387319.21   3743072.33   29.05001 (19113016)   387319.21
3743122.33   32.68936 (19113016)
        387319.21   3743172.33   39.93042 (18090707)   387319.21
3743222.33   53.49044 (15020308)
        387319.21   3743272.33   89.54170 (16121307)   387319.21
3743322.33   198.46436 (16121307)
        387369.21   3742972.33   30.90560 (18120320)   387369.21
3743022.33   33.55664 (18120320)
        387369.21   3743072.33   37.03482 (18120320)   387369.21
3743122.33   41.89707 (18120320)
        387369.21   3743172.33   49.36043 (15020308)   387369.21
3743222.33   62.78861 (15012521)

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        387369.21   3743272.33       90.85114  (16021620)                387419.21
3742972.33       42.79548  (18120320)
        387419.21   3743022.33       46.18672  (18120320)                387419.21
3743072.33       50.15640  (18120320)
        387419.21   3743122.33       55.06028  (18120320)                387419.21
3743172.33       61.74784  (19030603)
        387419.21   3743222.33       72.75165  (19030603)                387419.21
3743272.33       99.06404  (15012521)
        387469.21   3743072.33       70.14851  (18120320)                387469.21
3743122.33       80.58902  (18120320)
        387469.21   3743172.33       94.70632  (18120320)                387469.21
3743222.33      114.77052  (18120320)
        387469.21   3743272.33      145.66872  (18120320)                387578.38
3743390.44      134.80423  (18122619)
        387608.38   3743390.44      111.27795  (18122619)                387638.38
3743390.44       95.40992  (15120723)
        387369.87   3743365.20      250.03180  (17021208)                387399.87
3743365.20      248.81091  (17021208)
        387429.87   3743365.20      244.03437  (17021208)                387459.87
3743365.20      255.68145  (16093007)
        387489.87   3743365.20      295.71813  (16093007)                387489.87
3743395.20      257.49404  (16093007)
        388754.52   3743939.25       44.25131  (18122619)                388754.52
3743989.25       26.63480  (16120320)
        388754.52   3744039.25       21.05030  (18020602)                388754.52
3744089.25        9.68858  (18122619)
        388754.52   3744139.25        7.17455  (17091307)                388754.52
3744189.25        6.75706  (16093007)
        388804.52   3743889.25       64.46066  (17122922)                388804.52
3743939.25       43.43136  (17122922)
        388804.52   3743989.25       30.39209  (19010419)                388804.52
3744039.25       30.89238  (18011702)
        388804.52   3744089.25       24.89053  (18120302)                388804.52
3744139.25        7.09802  (17091307)
        388804.52   3744189.25        6.28384  (16093007)                388804.52
3744239.25        6.34058  (19080407)
        388804.52   3744289.25        6.40830  (19080407)                388854.52
3743889.25       62.40143  (17122922)
        388854.52   3743939.25       42.48163  (17122922)                388854.52
3743989.25       30.53457  (19010419)
        388854.52   3744039.25       30.89010  (18011702)                388854.52
3744089.25       30.71311  (18011702)
        388854.52   3744139.25       14.65428  (19120518)                388854.52
3744189.25        5.86507  (17091307)
        388854.52   3744239.25        6.07009  (19080407)                388854.52
3744289.25        6.26731  (19080407)
        388854.52   3744339.25        6.45896  (19092307)                388904.52
3743889.25       60.25198  (17122922)
        388904.52   3743939.25       41.51106  (17122922)                388904.52
3743989.25       30.02831  (19010419)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 ,
L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 ,
L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** 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)
388904.52	3744039.25	30.37113	(18011702)	388904.52	3744089.25	31.28238	(18011702)
388904.52	3744139.25	30.14862	(16122901)	388904.52	3744189.25	20.93182	(18021201)
388904.52	3744239.25	12.83870	(17010319)	388904.52	3744289.25	8.65922	(19020920)
388904.52	3744339.25	6.11932	(19080407)	388904.52	3744389.25	6.47726	(19092307)
388904.52	3744439.25	6.69667	(19092307)	388954.52	3743939.25	40.57386	(17122922)
388954.52	3743989.25	30.16808	(19010419)	388954.52	3744039.25	31.19030	(18010106)
388954.52	3744089.25	32.31463	(18011702)	388954.52	3744139.25	32.46703	(16122901)
388882.82	3743721.97	69.92903	(17011722)	388882.82	3743771.97	72.43821	(15012801)
388932.82	3743721.97	68.59666	(16121101)	388932.82	3743771.97	69.80379	(15012801)
388932.82	3743821.97	70.47679	(17122922)	387765.02	3743382.77	78.06307	(18120320)
387815.02	3743382.77	84.41456	(15021923)	387815.02			

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3743432.77       95.13036  (15021923)
        387865.02   3743382.77       85.08595  (16020620)                387865.02
3743432.77       95.04520  (16020620)
        387915.02   3743382.77       84.33446  (15020906)                387915.02
3743432.77       94.14295  (15012907)
        387965.02   3743432.77       92.46143  (17020221)                387713.39
3743372.67       74.52667  (19121502)
        387763.39   3743422.67       84.33829  (18120320)                387583.29
3743113.63       69.84162  (16022521)
        387583.29   3743163.63       80.20839  (16022521)                387583.29
3743213.63       93.66519  (15011820)
        387583.29   3743263.63      109.23007  (15021123)                387633.29
3743163.63       65.84884  (15020324)
        387633.29   3743213.63       72.68283  (17120618)                387633.29
3743263.63       79.82087  (16021605)
        387633.29   3743313.63       98.33385  (19120602)                387683.29
3743263.63       65.93268  (16020724)
        387683.29   3743313.63       77.49975  (15012921)                388242.48
3743969.33       40.40563  (18122619)
        388242.48   3744019.33       24.36935  (16093007)                388242.48
3744069.33       22.00697  (16093007)
        388242.48   3744119.33       19.84414  (16071707)                388242.48
3744169.33       18.85287  (16071707)
        388242.48   3744219.33       17.30688  (16071707)                388242.48
3744269.33       16.31069  (15121020)
        388242.48   3744319.33       16.70443  (15121020)                388242.48
3744369.33       16.92203  (15121020)
        388242.48   3744419.33       16.93410  (15121020)                388242.48
3744469.33       16.73607  (15121020)
        388292.48   3743969.33       37.91834  (18122619)                388292.48
3744019.33       22.21029  (18122619)
        388292.48   3744069.33       19.12481  (16093007)                388292.48
3744119.33       17.66879  (16071707)
        388292.48   3744169.33       17.38853  (16071707)                388292.48
3744219.33       16.57471  (16071707)
        388292.48   3744269.33       15.10801  (16071707)                388292.48
3744319.33       13.61001  (15121020)
        388292.48   3744369.33       14.13773  (15121020)                388292.48
3744419.33       14.49684  (15121020)
        388292.48   3744469.33       14.67242  (15121020)                388292.48
3744519.33       14.66312  (15121020)
        388292.48   3744569.33       14.48116  (15121020)                388780.42
3742965.27       43.96509  (19012619)
        388780.42   3743015.27       46.25791  (19120221)                388780.42
3743065.27       48.25359  (16021522)
        388780.42   3743115.27       48.87821  (17121620)                388780.42
3743165.27       50.87015  (16122017)
        388780.42   3743215.27       52.26788  (16022321)                388830.42
3742965.27       43.32960  (19120221)
        388830.42   3743015.27       46.04926  (16021522)                388830.42
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3743065.27   47.56605 (16021201)
        388830.42   3743115.27   49.76225 (16021622)   388830.42
3743165.27   51.34008 (19120122)
        388880.42   3742965.27   44.14430 (16021522)   388880.42
3743015.27   45.04800 (16021522)
        388880.42   3743065.27   47.14455 (17021520)   388880.42
3743115.27   48.86065 (18010722)
        388880.42   3743165.27   50.44536 (18013005)   388930.42
3742965.27   43.49323 (16021522)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: HAUL   ***
                                   INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                  L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                  L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                  L0000591   , L0000592   , L0000593   , L0000594   , L0000595
, L0000596   , L0000597   , . . .   ,

                                                *** 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)
 -
- -
        388930.42   3743015.27   44.65522 (16021201)   388930.42
3743065.27   46.56857 (18010722)
        388930.42   3743115.27   48.23293 (18013005)   388930.42
3743165.27   49.67629 (16021524)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , . . . ,

*** 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)
387507.26	3743641.71	33.21481	(15020607)	387507.26	3743691.71	37.06086	(18011907)
387507.26	3743741.71	40.76605	(16121001)	387507.26	3743791.71	45.18233	(15012520)
387507.26	3743841.71	49.82500	(15021119)	387557.26	3743641.71	33.43662	(15020607)
387557.26	3743691.71	39.21410	(15020607)	387557.26	3743741.71	44.38297	(18011907)
387557.26	3743791.71	50.06163	(15021221)	387557.26	3743841.71	55.47785	(18010707)
387557.26	3743891.71	72.41637	(18011823)	387557.26	3743941.71	113.12849	(18011823)
387557.26	3743991.71	123.49149	(15020404)	387607.26	3743841.71	63.58906	(15012520)
387607.26	3743891.71	77.04043	(18011823)	387607.26	3743941.71	134.60784	(18011823)
387607.26	3743991.71	148.87097	(15020404)	387607.26	3744041.71	140.45299	(19020322)
387607.26	3744091.71	125.81452	(16022221)	387657.26	3743841.71	71.96473	(15021221)
387657.26	3743891.71	87.79960	(15021119)	387657.26	3743941.71	164.55268	(18011823)
387657.26	3743991.71	185.93336	(19020402)	387657.26	3744041.71	167.61411	(17021401)
387657.26	3744091.71	139.82798	(16010324)	387657.26	3744141.71	112.73133	(15022622)
387707.26	3743841.71	79.89133	(18011907)	387707.26	3743891.71	105.61595	(15012520)
387707.26	3743941.71	208.35135	(18011823)	387707.26			

```
3743991.71      250.33330  (17021624)
        387707.26   3744041.71      200.46829  (16022221)                387707.26
3744091.71      150.32677  (19121401)
        387707.26   3744141.71      108.13313  (15022622)                387757.26
3743841.71       84.29502  (16121307)
        387757.26   3743891.71      122.56690  (18011907)                387757.26
3743941.71      268.46731  (18011823)
        387757.26   3743991.71      360.72063  (17020622)                387757.26
3744041.71      219.52650  (19121401)
        387757.26   3744091.71      151.15886  (15022622)                387757.26
3744141.71       96.35512  (15022622)
        387862.10   3744056.02      195.08361  (15022622)                387862.10
3744106.02       99.49408  (15022622)
        387912.10   3744056.02      174.74130  (15022622)                387912.10
3744106.02       75.79390  (15120921)
        387962.10   3744056.02      131.31379  (16011922)                387962.10
3744106.02       78.80410  (19120722)
        388012.10   3744056.02      120.80362  (19042707)                388012.10
3744106.02       72.55882  (19120722)
        388062.10   3744056.02      107.97063  (16093007)                388062.10
3744106.02       64.98892  (16093007)
        387863.31   3744015.45      304.53470  (19121401)                387913.31
3744015.45      309.06192  (16011922)
        387963.31   3744015.45      298.35330  (16011922)                388013.31
3744015.45      241.63017  (17120302)
        388063.31   3744015.45      199.72018  (19042707)                387826.23
3744056.86      197.42614  (15022622)
        387826.23   3744106.86      115.50732  (15022622)                387827.44
3744016.29      297.25772  (16121107)
        387689.52   3743645.82       31.94092  (16121307)                387689.52
3743695.82       40.22443  (16121307)
        387689.52   3743745.82       49.79142  (16121307)                387739.52
3743645.82       30.83316  (16121307)
        387739.52   3743695.82       40.10557  (16121307)                387739.52
3743745.82       50.04046  (16121307)
        387789.52   3743645.82       29.12865  (16121307)                387789.52
3743695.82       40.25252  (16121307)
        387789.52   3743745.82       50.89235  (16121307)                387839.52
3743645.82       46.03705  (18120320)
        387839.52   3743695.82       53.74884  (18120320)                387839.52
3743745.82       64.46245  (18120320)
        387889.52   3743645.82       57.77688  (18120320)                387889.52
3743695.82       66.69844  (18120320)
        387889.52   3743745.82       78.34849  (15020308)                387939.52
3743695.82       69.46905  (16020620)
        387939.52   3743745.82       81.62263  (15012221)                387989.52
3743745.82       84.63492  (16021620)
        387692.61   3743778.61       57.67766  (15020607)                387742.61
3743778.61       58.38061  (16121307)
        387792.61   3743778.61       59.11890  (16121307)                387842.61
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):   L0000450   , L0000451
, L0000452   , L0000453   , L0000454   ,
                   L0000455   , L0000456   , L0000457   , L0000458   , L0000459
, L0000460   , L0000461   , L0000462   ,
                   L0000463   , L0000464   , L0000465   , L0000466   , L0000467
, L0000468   , L0000469   , L0000470   ,
                   L0000471   , L0000472   , L0000473   , L0000474   , L0000475
, L0000476   , L0000477   , . . .   ,

                                                *** 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)
 -
- -
        387892.61   3743778.61   89.23182 (15020308)   387942.61
3743778.61   92.40399 (15020308)
        387992.61   3743778.61   97.53540 (16022220)   387654.54
3743692.47   39.84527 (15020607)
        387654.54   3743742.47   48.89163 (15020607)   387705.59
3744244.86   35.63685 (15012024)
        387705.59   3744294.86   31.41340 (18011818)   387755.59
3744244.86   37.80289 (18011818)
        387755.59   3744294.86   32.48406 (16011522)   387755.59
3744344.86   28.60742 (18020124)
        387755.59   3744394.86   25.23794 (19120722)   387805.59
3744294.86   33.46694 (19120722)
        387805.59   3744344.86   28.68552 (19120722)   387805.59
3744394.86   24.25416 (19120722)
        387805.59   3744444.86   20.27795 (19120722)   387805.59
3744494.86   16.81224 (19120722)
        387805.59   3744544.86   13.86144 (19120722)   387855.59
3744444.86   17.37133 (19120616)
        387855.59   3744494.86   14.61863 (19120616)   387855.59
3744544.86   12.08970 (19120616)

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        387855.59   3744594.86       10.87082  (19022518)                387905.59
3744544.86       12.12247  (19120720)
        387905.59   3744594.86       11.07997  (19122817)                387905.59
3744644.86       10.20917  (19122817)
        387905.59   3744694.86        9.45005  (19122817)                387955.59
3744644.86       11.21904  (18122117)
        387463.28   3744230.92       70.58951  (15022622)                387463.28
3744280.92       59.77293  (15022622)
        387463.28   3744330.92       43.45619  (15022622)                387513.28
3744230.92       73.59245  (15022622)
        387513.28   3744280.92       55.45297  (15022622)                387513.28
3744330.92       36.34093  (15022622)
        387513.28   3744380.92       21.60379  (19102722)                387513.28
3744430.92       19.20646  (17011202)
        387513.28   3744480.92       17.88033  (15012024)                387563.28
3744230.92       71.12823  (15022622)
        387563.28   3744280.92       47.76283  (15022622)                387563.28
3744330.92       28.18401  (15022622)
        387563.28   3744380.92       22.11402  (17011202)                387563.28
3744430.92       20.35886  (15012024)
        387563.28   3744480.92       18.87214  (18011818)                387563.28
3744530.92       17.32316  (18011818)
        387563.28   3744580.92       15.93530  (19010622)                387563.28
3744630.92       14.85034  (18020124)
        387613.28   3744230.92       63.52328  (15022622)                387613.28
3744280.92       38.01616  (15022622)
        387613.28   3744330.92       25.83445  (17011202)                387613.28
3744380.92       23.42984  (15012024)
        387613.28   3744430.92       21.55822  (18011818)                387613.28
3744480.92       19.54664  (16011522)
        387613.28   3744530.92       17.84493  (18020124)                387613.28
3744580.92       16.50876  (18020124)
        387613.28   3744630.92       15.14989  (19120722)                387613.28
3744680.92       13.75670  (19120722)
        387663.28   3744330.92       27.43328  (18011818)                387663.28
3744380.92       24.81982  (18011818)
        387663.28   3744430.92       22.18674  (19010622)                387663.28
3744480.92       20.23216  (18020124)
        387663.28   3744530.92       18.39462  (19120722)                387663.28
3744580.92       16.58028  (19120722)
        387663.28   3744630.92       14.76153  (19120722)                387663.28
3744680.92       13.00947  (19120722)
        387713.28   3744480.92       20.49131  (19120722)                387713.28
3744530.92       18.04714  (19120722)
        387713.28   3744580.92       15.71949  (19120722)                387713.28
3744630.92       13.56839  (19120722)
        387713.28   3744680.92       11.63101  (19120722)                387763.28
3744580.92       13.98840  (19120722)
        387763.28   3744630.92       11.73552  (19120722)                387763.28
3744680.92       10.13049  (19120616)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , . . . ,

*** 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)
387813.28	3744680.92	9.26458	(18020601)	387465.01	3744212.81	74.09547	(19121401)
387515.01	3744212.81	78.33884	(15022622)	387565.01	3744212.81	79.08544	(15022622)
387615.01	3744212.81	73.59639	(15022622)	387436.03	3744192.12	72.63064	(18010823)
386968.99	3743502.23	15.86639	(18011906)	386968.99	3743552.23	16.76233	(15021221)
386968.99	3743602.23	17.21164	(15012520)	386968.99	3743652.23	17.47365	(15022007)
386968.99	3743702.23	18.21665	(15021119)	386968.99	3743752.23	18.22240	(16020819)
386968.99	3743802.23	18.85103	(18011823)	386968.99	3743852.23	26.63835	(18011823)
386968.99	3743902.23	33.02382	(18011823)	386968.99	3743952.23	35.87455	(16020222)
386968.99	3744002.23	36.37632	(16021804)	386968.99	3744052.23	36.56224	(15020404)
386968.99	3744102.23	36.08196	(17021624)	386968.99	3744152.23	36.19730	(16022924)
387018.99	3743502.23	16.81887	(16121001)	387018.99			

3743552.23 17.58942 (15021221)
387018.99 3743602.23 18.03133 (15012520) 387018.99
3743652.23 18.62949 (18010707)
387018.99 3743702.23 19.26498 (15021119) 387018.99
3743752.23 19.54566 (16020819)
387018.99 3743802.23 19.63454 (17020202) 387018.99
3743852.23 27.88844 (18011823)
387018.99 3743902.23 35.11968 (18011823) 387018.99
3743952.23 38.39784 (16020222)
387018.99 3744002.23 38.91993 (16021804) 387018.99
3744052.23 38.89743 (15020404)
387018.99 3744102.23 38.94079 (17021624) 387018.99
3744152.23 38.75236 (16022924)
387068.99 3743502.23 17.73576 (17020122) 387068.99
3743552.23 18.26620 (18011906)
387068.99 3743602.23 19.25624 (15021221) 387068.99
3743652.23 19.90746 (15012520)
387068.99 3743702.23 20.29278 (15021119) 387068.99
3743752.23 21.05585 (15021119)
387068.99 3743802.23 21.12116 (17021623) 387068.99
3743852.23 29.20602 (18011823)
387068.99 3743902.23 37.43657 (18011823) 387068.99
3743952.23 41.23141 (16020222)
387068.99 3744002.23 41.77951 (16021804) 387068.99
3744052.23 41.74909 (19020402)
387068.99 3744102.23 42.00617 (17021624) 387068.99
3744152.23 41.31439 (16022924)
387118.99 3743502.23 18.71538 (18011907) 387118.99
3743552.23 19.35778 (16121001)
387118.99 3743602.23 20.42507 (15021221) 387118.99
3743652.23 21.14756 (15012520)
387118.99 3743702.23 21.61841 (15022007) 387118.99
3743752.23 22.67809 (15021119)
387118.99 3743802.23 22.79971 (17021623) 387118.99
3743852.23 30.60275 (18011823)
387118.99 3743902.23 40.01706 (18011823) 387118.99
3743952.23 44.45082 (16020222)
387118.99 3744002.23 45.08318 (15020404) 387118.99
3744052.23 45.09646 (19020402)
387118.99 3744102.23 45.26577 (17021624) 387118.99
3744152.23 44.28591 (15022104)
387168.99 3743502.23 19.58726 (18021302) 387168.99
3743552.23 20.52402 (17020122)
387168.99 3743602.23 21.41223 (15021221) 387168.99
3743652.23 22.41529 (15021221)
387168.99 3743702.23 23.26015 (18010707) 387168.99
3743752.23 24.35963 (15021119)
387168.99 3743802.23 24.61674 (17021623) 387168.99
3743852.23 32.06795 (18011823)
387168.99 3743902.23 42.89787 (18011823) 387168.99

        387268.99   3743502.23   21.52931 (15020607)   387268.99
3743552.23   22.79737 (18021302)

387268.99 3743602.23 24.14623 (17020122) 387268.99
3743652.23 25.54071 (15021221)
387268.99 3743702.23 26.88032 (15012520) 387268.99
3743752.23 27.84176 (15010719)
387268.99 3743802.23 29.26366 (15021119) 387268.99
3743852.23 35.17838 (18011823)
387268.99 3743902.23 49.77512 (18011823) 387268.99
3743952.23 57.38161 (16020222)
387268.99 3744002.23 59.11985 (15020404) 387268.99
3744052.23 57.80013 (17021624)
387268.99 3744102.23 58.09988 (16022924) 387268.99
3744152.23 55.99089 (17021401)
387318.99 3743552.23 24.11012 (15020607) 387318.99
3743602.23 25.69961 (18011907)
387318.99 3743652.23 26.97861 (16121001) 387318.99
3743702.23 28.97856 (15021221)
387318.99 3743752.23 30.33765 (18010707) 387318.99
3743802.23 32.18483 (15021119)
387318.99 3743852.23 36.78367 (18011823) 387318.99
3743902.23 53.88063 (18011823)
387318.99 3743952.23 63.24731 (16020222) 387318.99
3744002.23 65.43820 (15020404)
387318.99 3744052.23 64.58652 (17021624) 387318.99
3744102.23 63.48731 (15022104)
387318.99 3744152.23 61.45795 (17021401) 387368.99
3743652.23 29.04583 (17020122)
387368.99 3743702.23 31.18973 (15021221) 387368.99
3743752.23 33.20792 (15012520)
387368.99 3743802.23 35.25670 (15021119) 387368.99
3743852.23 38.37664 (18011823)
387368.99 3743902.23 58.52229 (18011823) 387368.99
3743952.23 70.28835 (16020222)
387368.99 3744002.23 72.93950 (15020404) 387357.30
3743511.78 22.52478 (15020607)
387407.30 3743561.78 25.90448 (15020607) 387407.30
3743611.78 28.71777 (15020607)
387453.88 3743868.51 49.20739 (18011823) 387453.88
3743918.51 76.02994 (18011823)
387453.88 3743968.51 88.87564 (15021706) 387453.88
3744018.51 88.13635 (19020402)
387453.88 3744068.51 86.84814 (15022104) 387503.88
3743968.51 102.66363 (15021706)
387503.88 3744018.51 101.05719 (17021624) 387503.88
3744068.51 98.47309 (19020322)
387503.88 3744118.51 92.91554 (16022221) 387553.88
3744068.51 113.12778 (17021401)
387553.88 3744118.51 103.55241 (16022221) 387015.27
3744263.55 36.75794 (17121605)
387015.27 3744313.55 36.23621 (16022221) 387015.27
3744363.55 34.68912 (17011124)

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        387015.27   3744413.55       33.65895  (18020802)                387015.27
3744463.55       32.42092  (19121401)
        387015.27   3744513.55       30.56447  (15022622)                387015.27
3744563.55       26.71146  (15012104)
        387015.27   3744613.55       21.47714  (15012104)                387015.27
3744663.55       16.04092  (15012104)
        387015.27   3744713.55       11.23843  (15022622)                387015.27
3744763.55        8.53497  (17020802)
        387015.27   3744813.55        8.14084  (17020523)                387015.27
3744863.55        7.80204  (17020523)
        387065.27   3744263.55       38.72225  (17121605)                387065.27
3744313.55       38.24741  (16022221)
        387065.27   3744363.55       36.81576  (18010823)                387065.27
3744413.55       35.71375  (19121401)
        387065.27   3744463.55       33.76364  (15022622)                387065.27
3744513.55       30.51354  (15022622)
        387065.27   3744563.55       25.13843  (15012104)                387065.27
3744613.55       19.08373  (15012104)
        387065.27   3744663.55       13.49618  (15022622)                387065.27
3744713.55        9.52406  (19102722)
        387065.27   3744763.55        8.79545  (17020802)                387065.27
3744813.55        8.40995  (17020523)
        387065.27   3744863.55        8.08692  (19011123)                387115.27
3744263.55       41.93128  (16022221)
        387115.27   3744313.55       40.30200  (17011124)                387115.27
3744363.55       38.88961  (18020802)
        387115.27   3744413.55       37.16544  (19121401)                387115.27
3744463.55       34.61745  (15022622)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24

                                   PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000450    , L0000451
, L0000452    , L0000453    , L0000454    ,
                  L0000455    , L0000456    , L0000457    , L0000458    , L0000459
, L0000460    , L0000461    , L0000462    ,
                  L0000463    , L0000464    , L0000465    , L0000466    , L0000467
, L0000468    , L0000469    , L0000470    ,
                  L0000471    , L0000472    , L0000473    , L0000474    , L0000475
, L0000476    , L0000477    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
387115.27	3744513.55	29.36268	(15022622)	387115.27	3744563.55	22.73852	(15022622)
387115.27	3744613.55	16.27378	(15022622)	387115.27	3744663.55	11.21875	(19102722)
387115.27	3744713.55	9.55706	(17020802)	387115.27	3744763.55	9.10210	(17020523)
387115.27	3744813.55	8.72320	(19011123)	387115.27	3744863.55	8.39659	(17011202)
387165.27	3744263.55	45.15154	(16022221)	387165.27	3744313.55	43.06472	(18010823)
387165.27	3744363.55	41.49209	(19121401)	387165.27	3744413.55	38.88534	(15022622)
387165.27	3744463.55	34.17207	(15022622)	387165.27	3744513.55	27.11185	(15022622)
387165.27	3744563.55	19.69471	(15022622)	387165.27	3744613.55	13.29250	(19102722)
387165.27	3744663.55	10.43199	(17020802)	387165.27	3744713.55	9.89568	(17020523)
387165.27	3744763.55	9.44998	(19011123)	387165.27	3744813.55	9.06933	(17011202)
387165.27	3744863.55	8.74903	(15012024)	387215.27	3744263.55	47.56432	(17011124)
387215.27	3744313.55	45.72271	(16010324)	387215.27	3744363.55	43.21573	(19121401)
387215.27	3744413.55	39.54323	(15022622)	387215.27	3744463.55	32.31415	(15022622)
387215.27	3744513.55	23.91305	(15022622)	387215.27	3744563.55	16.27106	(15022622)
387215.27	3744613.55	11.44555	(17020802)	387215.27	3744663.55	10.81248	(17020523)
387215.27	3744713.55	10.28600	(19011123)	387215.27	3744763.55	9.83868	(17011202)
387215.27	3744813.55	9.46605	(15012024)	387215.27	3744863.55	8.96788	(16121517)
387265.27	3744263.55	51.33872	(18010823)	387265.27	3744313.55	49.08075	(19121401)
387265.27	3744363.55	45.36638	(15022622)	387265.27	3744413.55	38.44539	(15022622)
387265.27	3744463.55	29.12066	(15022622)	387265.27	3744513.55	20.06273	(15022622)
387265.27	3744563.55	13.28728	(19102722)	387265.27	3744613.55	11.88178	(17020523)
387265.27	3744663.55	11.25536	(19011123)	387265.27			

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3744713.55       10.72421  (17011202)
        387265.27   3744763.55       10.28450  (15012024)                387265.27
3744813.55        9.72183  (16121517)
        387265.27   3744863.55        9.41413  (18011818)                387315.27
3744263.55       54.98693  (16010324)
        387315.27   3744313.55       51.38608  (15022622)                387315.27
3744363.55       45.57883  (15022622)
        387315.27   3744413.55       35.53396  (15022622)                387315.27
3744463.55       24.88613  (15022622)
        387315.27   3744513.55       16.08891  (19102722)                387315.27
3744563.55       13.14279  (17020523)
        387315.27   3744613.55       12.39225  (19011123)                387315.27
3744663.55       11.76606  (15012024)
        387315.27   3744713.55       11.22600  (15012024)                387315.27
3744763.55       10.63021  (18011818)
        387315.27   3744813.55       10.22396  (18011818)                387315.27
3744863.55        9.64867  (18011818)
        387365.27   3744263.55       59.38490  (19121401)                387365.27
3744313.55       53.68276  (15022622)
        387365.27   3744363.55       43.40611  (15022622)                387365.27
3744413.55       31.04610  (15022622)
        387365.27   3744463.55       20.07889  (15022622)                387365.27
3744513.55       14.64735  (17020523)
        387365.27   3744563.55       13.73829  (19011123)                387365.27
3744613.55       13.00586  (15012024)
        387365.27   3744663.55       12.31525  (15012024)                387365.27
3744713.55       11.68872  (18011818)
        387365.27   3744763.55       11.13636  (18011818)                387365.27
3744813.55       10.47580  (16011522)
        387365.27   3744863.55        9.88581  (19010622)                387415.27
3744313.55       52.98025  (15022622)
        387415.27   3744363.55       38.93387  (15022622)                387415.27
3744413.55       25.50714  (15022622)
        387415.27   3744463.55       16.46930  (17020523)                387415.27
3744513.55       15.35226  (19011123)
        387415.27   3744563.55       14.47533  (15012024)                387415.27
3744613.55       13.58750  (15012024)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24

                                   PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000450    , L0000451
, L0000452    , L0000453    , L0000454    ,
                 L0000455    , L0000456    , L0000457    , L0000458    , L0000459
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, L0000460    , L0000461    , L0000462    ,
                L0000463    , L0000464    , L0000465    , L0000466    , L0000467
, L0000468    , L0000469    , L0000470    ,
                L0000471    , L0000472    , L0000473    , L0000474    , L0000475
, L0000476    , L0000477    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        387415.27   3744663.55       12.91023  (18011818)               387415.27
3744713.55       12.16689  (18011818)
        387415.27   3744763.55       11.41221  (16011522)               387415.27
3744813.55       10.69821  (19010622)
        387415.27   3744863.55       10.18971  (18020124)               387465.27
3744513.55       16.24051  (15012024)
        387465.27   3744563.55       15.08342  (15012024)               387465.27
3744613.55       14.32746  (18011818)
        387465.27   3744663.55       13.33317  (18011818)               387465.27
3744713.55       12.45937  (19010622)
        387465.27   3744763.55       11.70268  (18020124)               387465.27
3744813.55       11.07790  (18020124)
        387465.27   3744863.55       10.39754  (19120722)               387515.27
3744663.55       13.68014  (19010622)
        387515.27   3744713.55       12.88611  (18020124)               387515.27
3744763.55       12.03623  (19120722)
        387515.27   3744813.55       11.20149  (19120722)               387515.27
3744863.55       10.31090  (19120722)
        387565.27   3744813.55       10.89326  (19120722)               387565.27
3744863.55        9.79059  (19120722)
        387524.44   3742913.36        5.26369  (19113016)               387574.44
3742963.36        5.95006  (19113016)
        387574.44   3743013.36        6.20139  (19113016)               387624.44
3742963.36        6.24831  (19113016)
        387624.44   3743013.36        6.65635  (19113016)               387624.44
3743063.36        7.04213  (19113016)
        387674.44   3742963.36        6.24713  (19113016)               387674.44
3743013.36        6.80264  (19113016)
        387674.44   3743063.36        7.36148  (19113016)               387674.44
3743113.36        7.91265  (19113016)
        387724.44   3742963.36        7.45525  (19030603)               387724.44
3743013.36        7.55947  (19030603)
        387724.44   3743063.36        7.67079  (19030603)               387724.44
3743113.36        8.03791  (19113016)
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        387774.44   3742963.36       11.08328  (18120320)                387774.44
3743013.36       11.38446  (18120320)
        387774.44   3743063.36       11.71634  (18120320)                387774.44
3743113.36       12.08179  (18120320)
        387774.44   3743163.36       12.48263  (18120320)                387824.44
3742963.36       15.71193  (18120320)
        387824.44   3743013.36       16.29475  (18120320)                387824.44
3743063.36       16.94615  (18120320)
        387824.44   3743113.36       17.68035  (18120320)                387824.44
3743163.36       18.51251  (18120320)
        387824.44   3743213.36       19.46437  (18120320)                387874.44
3742963.36       20.49083  (18120320)
        387874.44   3743013.36       21.31999  (18120320)                387874.44
3743063.36       22.23627  (18120320)
        387874.44   3743113.36       23.25531  (18120320)                387874.44
3743163.36       24.40724  (18120320)
        387874.44   3743213.36       25.72682  (18120320)                387874.44
3743263.36       27.24368  (18120320)
        387924.44   3742963.36       25.02898  (18120320)                387924.44
3743013.36       26.08521  (18120320)
        387924.44   3743063.36       27.22005  (18120320)                387924.44
3743113.36       28.44273  (18120320)
        387924.44   3743163.36       29.76811  (18120320)                387924.44
3743213.36       31.22744  (18120320)
        387924.44   3743263.36       32.85275  (18120320)                387924.44
3743313.36       34.69308  (18120320)
        387974.44   3742963.36       28.95637  (18120320)                387974.44
3743013.36       30.31490  (18120320)
        387974.44   3743063.36       31.76329  (18120320)                387974.44
3743113.36       33.30723  (18120320)
        387974.44   3743163.36       34.94431  (18120320)                387974.44
3743213.36       36.69953  (18120320)
        387974.44   3743263.36       38.56146  (18120320)                387974.44
3743313.36       40.53807  (18120320)
        387974.44   3743363.36       42.65351  (18120320)                388024.44
3742963.36       31.45845  (18120320)
        388024.44   3743013.36       33.19048  (18120320)                388024.44
3743063.36       35.08034  (18120320)
        388024.44   3743113.36       37.13371  (18120320)                388024.44
3743163.36       39.41237  (18120320)
        388024.44   3743213.36       41.93328  (18120320)                388024.44
3743263.36       44.68865  (18120320)
        388024.44   3743313.36       47.74710  (18120320)                388024.44
3743363.36       51.09681  (18120320)
        388024.44   3743413.36       54.78747  (18120320)                388074.44
3742963.36       32.17086  (15021923)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       14:51:24
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE   ***
INCLUDING SOURCE(S):   L0000450   , L0000451 , L0000452   , L0000453   , L0000454   ,
L0000455   , L0000456   , L0000457   , L0000458   , L0000459 , L0000460   , L0000461   , L0000462   ,
L0000463   , L0000464   , L0000465   , L0000466   , L0000467 , L0000468   , L0000469   , L0000470   ,
L0000471   , L0000472   , L0000473   , L0000474   , L0000475 , L0000476   , L0000477   , . . .   ,

*** 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)
388074.44	3743013.36	34.05604	(15021923)	388074.44	3743063.36	36.14788	(15021923)
388074.44	3743113.36	38.49588	(15021923)	388074.44	3743163.36	41.18191	(15021923)
388074.44	3743213.36	44.22161	(15021923)	388074.44	3743263.36	47.72362	(15021923)
388074.44	3743313.36	51.81252	(18120320)	388074.44	3743363.36	57.01826	(18120320)
388074.44	3743413.36	63.28682	(18120320)	388074.44	3743463.36	71.05372	(18120320)
388124.44	3742963.36	32.21610	(16020620)	388124.44	3743013.36	34.19580	(16020620)
388124.44	3743063.36	36.39297	(16020620)	388124.44	3743113.36	38.91792	(16020620)
388124.44	3743163.36	41.73114	(16020620)	388124.44	3743213.36	44.94732	(16020620)
388124.44	3743263.36	48.72602	(16020620)	388124.44	3743313.36	53.20889	(16020620)
388124.44	3743363.36	58.57353	(16020620)	388124.44	3743413.36	65.21988	(16020620)
388174.44	3742963.36	32.25351	(19011821)	388174.44	3743013.36	34.23570	(19011821)
388174.44	3743063.36	36.42930	(19120620)	388174.44	3743113.36	39.11121	(18010802)
388174.44	3743163.36	42.06393	(18010802)	388174.44			

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3743213.36       45.45742  (18010802)
        388174.44   3743263.36       49.36069  (18010802)                388174.44
3743313.36       53.85897  (18010802)
        388174.44   3743363.36       59.16052  (15020906)                388174.44
3743413.36       66.07162  (15020906)
        388224.44   3742963.36       32.68043  (19120620)                388224.44
3743013.36       34.76940  (15020906)
        388224.44   3743063.36       37.04749  (15020906)                388224.44
3743113.36       39.62589  (15020906)
        388224.44   3743163.36       42.31859  (15020906)                388224.44
3743213.36       45.29765  (16022521)
        388224.44   3743263.36       49.51672  (16022521)                388224.44
3743313.36       54.16014  (16022521)
        388224.44   3743363.36       59.19379  (16022521)                388274.44
3742963.36       32.44631  (16022521)
        388274.44   3743013.36       34.73583  (16022521)                387475.71
3743311.02        7.71528  (19012422)
        387490.71   3743311.02        7.81127  (19012422)                387451.13
3743316.16        7.56096  (19012422)
        387379.86   3743317.08        8.57777  (16121307)                387399.86
3743317.08        8.07528  (16121307)
        387419.86   3743317.08        7.57619  (16121307)                387439.86
3743317.08        7.45994  (19012422)
        387019.21   3742972.33        3.84891  (17022606)                387019.21
3743022.33        4.50314  (16121307)
        387019.21   3743072.33        5.82825  (15020607)                387019.21
3743122.33        7.43897  (15020607)
        387019.21   3743172.33        9.23006  (15020607)                387019.21
3743222.33       11.09600  (15020607)
        387019.21   3743272.33       12.86916  (15020607)                387019.21
3743322.33       14.34848  (15020607)
        387069.21   3742972.33        3.90460  (17022606)                387069.21
3743022.33        4.13748  (17022606)
        387069.21   3743072.33        5.10804  (16121307)                387069.21
3743122.33        6.63070  (15020607)
        387069.21   3743172.33        8.45110  (15020607)                387069.21
3743222.33       10.45012  (15020607)
        387069.21   3743272.33       12.48151  (15020607)                387069.21
3743322.33       14.34817  (15020607)
        387119.21   3742972.33        4.08074  (19012422)                387119.21
3743022.33        4.20237  (17022606)
        387119.21   3743072.33        4.46450  (17022606)                387119.21
3743122.33        5.82234  (16121307)
        387119.21   3743172.33        7.57323  (15020607)                387119.21
3743222.33        9.63637  (15020607)
        387119.21   3743272.33       11.86019  (15020607)                387119.21
3743322.33       14.06326  (15020607)
        387169.21   3742972.33        4.28369  (19012422)                387169.21
3743022.33        4.41116  (19012422)
        387169.21   3743072.33        4.53938  (17022606)                387169.21
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                   INCLUDING SOURCE(S):   L0000450   , L0000451
, L0000452   , L0000453   , L0000454   ,
                 L0000455   , L0000456   , L0000457   , L0000458   , L0000459
, L0000460   , L0000461   , L0000462   ,
                 L0000463   , L0000464   , L0000465   , L0000466   , L0000467
, L0000468   , L0000469   , L0000470   ,
                 L0000471   , L0000472   , L0000473   , L0000474   , L0000475
, L0000476   , L0000477   , . . .   ,

                                              *** 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)
 -
- -
        387219.21   3742972.33   4.42482 (19012422)   387219.21
3743022.33   4.62939 (19012422)
        387219.21   3743072.33   4.78724 (19012422)   387219.21
3743122.33   4.92517 (17022606)
        387219.21   3743172.33   5.78774 (16121307)   387219.21
3743222.33   7.68275 (16121307)
        387219.21   3743272.33   10.01264 (15020607)   387219.21
3743322.33   12.65574 (15020607)
        387269.21   3742972.33   4.63154 (18090707)   387269.21
3743022.33   4.77456 (19012422)
        387269.21   3743072.33   5.02170 (19012422)   387269.21
3743122.33   5.21836 (19012422)
        387269.21   3743172.33   5.36918 (17022606)   387269.21
3743222.33   6.69037 (16121307)
        387269.21   3743272.33   8.89928 (16121307)   387269.21
3743322.33   11.59202 (15020607)

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        387319.21   3742972.33        4.83410  (18090707)                387319.21
3743022.33        5.00042  (18090707)
        387319.21   3743072.33        5.16973  (19012422)                387319.21
3743122.33        5.46982  (19012422)
        387319.21   3743172.33        5.71463  (19012422)                387319.21
3743222.33        5.88697  (19012422)
        387319.21   3743272.33        7.78665  (16121307)                387319.21
3743322.33       10.36991  (16121307)
        387369.21   3742972.33        4.95579  (16020820)                387369.21
3743022.33        5.20492  (16020820)
        387369.21   3743072.33        5.41613  (16020820)                387369.21
3743122.33        5.61885  (19012422)
        387369.21   3743172.33        5.98482  (19012422)                387369.21
3743222.33        6.29287  (19012422)
        387369.21   3743272.33        6.67326  (16121307)                387419.21
3742972.33        5.01934  (16020820)
        387419.21   3743022.33        5.35794  (16020820)                387419.21
3743072.33        5.67282  (16020820)
        387419.21   3743122.33        5.95144  (16020820)                387419.21
3743172.33        6.17826  (16020820)
        387419.21   3743222.33        6.58142  (19012422)                387419.21
3743272.33        6.96965  (19012422)
        387469.21   3743072.33        5.79981  (16020820)                387469.21
3743122.33        6.19808  (16020820)
        387469.21   3743172.33        6.56179  (16020820)                387469.21
3743222.33        6.87464  (16020820)
        387469.21   3743272.33        7.27816  (19012422)                387578.38
3743390.44        9.45333  (16020820)
        387608.38   3743390.44        9.88684  (16020820)                387638.38
3743390.44       10.21838  (16020820)
        387369.87   3743365.20       11.68406  (16121307)                387399.87
3743365.20       10.87400  (16121307)
        387429.87   3743365.20       10.03371  (16121307)                387459.87
3743365.20        9.17983  (16121307)
        387489.87   3743365.20        8.35880  (19012422)                387489.87
3743395.20       10.23693  (16121307)
        388754.52   3743939.25       79.41243  (17021302)                388754.52
3743989.25       68.29891  (17021302)
        388754.52   3744039.25       40.69353  (18122619)                388754.52
3744089.25       19.53124  (18122619)
        388754.52   3744139.25       11.17550  (18122619)                388754.52
3744189.25        7.06144  (17091307)
        388804.52   3743889.25       76.77992  (15012801)                388804.52
3743939.25       77.49278  (17122922)
        388804.52   3743989.25       66.98556  (17122922)                388804.52
3744039.25       40.40467  (17122922)
        388804.52   3744089.25       20.94575  (16020721)                388804.52
3744139.25       11.25190  (18122619)
        388804.52   3744189.25        6.76483  (17091307)                388804.52
3744239.25        5.48918  (17091307)
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        388804.52   3744289.25        5.35302  (15042107)               388854.52
3743889.25       72.98999  (15012801)
        388854.52   3743939.25       73.40802  (17122922)               388854.52
3743989.25       63.75470  (17122922)
        388854.52   3744039.25       39.31139  (17122922)               388854.52
3744089.25       25.92305  (19010419)
        388854.52   3744139.25       11.45044  (18012524)               388854.52
3744189.25        6.43004  (17091307)
        388854.52   3744239.25        5.45406  (17091307)               388854.52
3744289.25        4.64241  (15042107)
        388854.52   3744339.25        4.90439  (15042107)               388904.52
3743889.25       69.22474  (15012801)
        388904.52   3743939.25       69.29395  (17122922)               388904.52
3743989.25       60.62023  (17122922)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:51:24

                                   PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ONSITE   ***
                                   INCLUDING SOURCE(S):     L0000450    , L0000451
, L0000452    , L0000453    , L0000454    ,
                  L0000455    , L0000456    , L0000457    , L0000458    , L0000459
, L0000460    , L0000461    , L0000462    ,
                  L0000463    , L0000464    , L0000465    , L0000466    , L0000467
, L0000468    , L0000469    , L0000470    ,
                  L0000471    , L0000472    , L0000473    , L0000474    , L0000475
, L0000476    , L0000477    ,  . . .      ,

                                              *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        388904.52   3744039.25       38.23396  (17122922)               388904.52
3744089.25       25.87626  (19010419)
        388904.52   3744139.25       25.20395  (18010106)               388904.52
3744189.25       16.52311  (18020602)
        388904.52   3744239.25        9.83885  (19012218)               388904.52
3744289.25        4.38826  (19020920)
        388904.52   3744339.25        4.37057  (15042107)               388904.52
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3744389.25        4.44789  (15042107)
        388904.52   3744439.25        4.49960  (18102208)                388954.52
3743939.25       65.70859  (17122922)
        388954.52   3743989.25       58.08880  (17122922)                388954.52
3744039.25       37.16607  (17122922)
        388954.52   3744089.25       26.28939  (19010419)                388954.52
3744139.25       26.88272  (18010106)
        388882.82   3743721.97       68.58073  (16012103)                388882.82
3743771.97       69.14979  (17011402)
        388932.82   3743721.97       66.07657  (16012103)                388932.82
3743771.97       66.73868  (19123019)
        388932.82   3743821.97       66.72834  (19120118)                387765.02
3743382.77       13.31638  (19030603)
        387815.02   3743382.77       22.25783  (18120320)                387815.02
3743432.77       23.97940  (18120320)
        387865.02   3743382.77       30.75480  (18120320)                387865.02
3743432.77       33.43061  (18120320)
        387915.02   3743382.77       36.79463  (18120320)                387915.02
3743432.77       39.55903  (18120320)
        387965.02   3743432.77       44.61439  (18120320)                387713.39
3743372.67       11.51256  (19113016)
        387763.39   3743422.67       13.70780  (19113016)                387583.29
3743113.63        6.74209  (19113016)
        387583.29   3743163.63        6.92903  (19011203)                387583.29
3743213.63        7.42201  (19011203)
        387583.29   3743263.63        8.01207  (16020820)                387633.29
3743163.63        7.86343  (19113016)
        387633.29   3743213.63        8.16707  (19113016)                387633.29
3743263.63        8.41836  (19113016)
        387633.29   3743313.63        8.88678  (16020820)                387683.29
3743263.63        9.59587  (19113016)
        387683.29   3743313.63       10.06622  (19113016)                388242.48
3743969.33      206.48171  (19121502)
        388242.48   3744019.33       85.86224  (18122619)                388242.48
3744069.33       40.00727  (16093007)
        388242.48   3744119.33       32.79281  (15121020)                388242.48
3744169.33       30.44641  (15121020)
        388242.48   3744219.33       27.41165  (15121020)                388242.48
3744269.33       24.36292  (15121020)
        388242.48   3744319.33       21.53870  (15121020)                388242.48
3744369.33       18.98688  (15121020)
        388242.48   3744419.33       16.86037  (17020321)                388242.48
3744469.33       15.22783  (16121118)
        388292.48   3743969.33      157.88281  (19121502)                388292.48
3744019.33       77.83525  (18122619)
        388292.48   3744069.33       30.51668  (16093007)                388292.48
3744119.33       25.87455  (16093007)
        388292.48   3744169.33       22.06553  (15121020)                388292.48
3744219.33       21.87571  (15121020)
        388292.48   3744269.33       20.89451  (15121020)                388292.48
```

3744319.33   19.50069 (15121020)
        388292.48   3744369.33   17.94620 (15121020)   388292.48
3744419.33   16.34580 (15121020)
        388292.48   3744469.33   14.77393 (15121020)   388292.48
3744519.33   13.36333 (17020321)
        388292.48   3744569.33   12.22070 (16121118)   388780.42
3742965.27   37.89339 (16121204)
        388780.42   3743015.27   40.49010 (17022822)   388780.42
3743065.27   41.76278 (15021922)
        388780.42   3743115.27   43.04119 (17122920)   388780.42
3743165.27   44.93672 (16012102)
        388780.42   3743215.27   47.06146 (16021023)   388830.42
3742965.27   37.97903 (15021922)
        388830.42   3743015.27   39.69460 (18120723)   388830.42
3743065.27   41.81255 (19123120)
        388830.42   3743115.27   43.81044 (16012102)   388830.42
3743165.27   45.97858 (16021607)
        388880.42   3742965.27   38.12228 (16010406)   388880.42
3743015.27   39.56559 (19123120)
        388880.42   3743065.27   41.44328 (17012922)   388880.42
3743115.27   43.31780 (16021607)
        388880.42   3743165.27   44.64003 (19120221)   388930.42
3742965.27   37.90529 (19123120)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ONSITE   ***
                                    INCLUDING SOURCE(S):   L0000450   , L0000451
, L0000452   , L0000453   , L0000454   ,
                 L0000455   , L0000456   , L0000457   , L0000458   , L0000459
, L0000460   , L0000461   , L0000462   ,
                 L0000463   , L0000464   , L0000465   , L0000466   , L0000467
, L0000468   , L0000469   , L0000470   ,
                 L0000471   , L0000472   , L0000473   , L0000474   , L0000475
, L0000476   , L0000477   , . . .   ,

                                                *** 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)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** 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)
388930.42	3743015.27	39.02451	(16122304)	388930.42	3743065.27	40.94620	(16021607)
388930.42	3743115.27	42.29469	(16011823)	388930.42	3743165.27	44.62769	(16021522)
387507.26	3743641.71	206.02610	(16121307)	387507.26	3743691.71	223.49588	(18011907)
387507.26	3743741.71	226.52789	(15021221)	387507.26	3743791.71	222.00273	(18011823)
387507.26	3743841.71	257.73574	(18011823)	387557.26	3743641.71	232.88846	(16121307)
387557.26	3743691.71	278.38622	(16121307)	387557.26	3743741.71	296.95692	(18011906)
387557.26	3743791.71	279.78357	(18011823)	387557.26	3743841.71	293.53624	(18011823)
387557.26	3743891.71	318.03496	(18011823)	387557.26	3743941.71	350.09453	(15021706)
387557.26	3743991.71	334.79850	(17021624)	387607.26	3743841.71	341.43365	(18011823)
387607.26	3743891.71	360.08300	(18011823)	387607.26			

3743941.71 415.76269 (15021706)
387607.26 3743991.71 395.23513 (17021624) 387607.26
3744041.71 352.20691 (17121605)
387607.26 3744091.71 308.64701 (16010324) 387657.26
3743841.71 398.61041 (18011823)
387657.26 3743891.71 414.85646 (18011823) 387657.26
3743941.71 512.18524 (15021706)
387657.26 3743991.71 478.07709 (17021624) 387657.26
3744041.71 407.45998 (16022221)
387657.26 3744091.71 339.04329 (19121401) 387657.26
3744141.71 259.11078 (15022622)
387707.26 3743841.71 467.81228 (18012820) 387707.26
3743891.71 495.99691 (18011823)
387707.26 3743941.71 669.73160 (18011823) 387707.26
3743991.71 602.58714 (17020622)
387707.26 3744041.71 459.86475 (18010823) 387707.26
3744091.71 358.49033 (15022622)
387707.26 3744141.71 232.09210 (15022622) 387757.26
3743841.71 643.73494 (18012820)
387757.26 3743891.71 677.75894 (18011501) 387757.26
3743941.71 986.06521 (18011823)
387757.26 3743991.71 769.11247 (15022705) 387757.26
3744041.71 520.12656 (19121401)
387757.26 3744091.71 343.86032 (15022622) 387757.26
3744141.71 185.82905 (15022622)
387862.10 3744056.02 383.26439 (16011922) 387862.10
3744106.02 200.30132 (19120722)
387912.10 3744056.02 291.24030 (17120302) 387912.10
3744106.02 196.31151 (19120722)
387962.10 3744056.02 287.82963 (16093007) 387962.10
3744106.02 181.51191 (16093007)
388012.10 3744056.02 277.80007 (16093007) 388012.10
3744106.02 175.68153 (16093007)
388062.10 3744056.02 245.83068 (16093007) 388062.10
3744106.02 164.70347 (15121020)
387863.31 3744015.45 708.50708 (15022622) 387913.31
3744015.45 624.06897 (16011922)
387963.31 3744015.45 488.82636 (15021021) 388013.31
3744015.45 468.97085 (16093007)
388063.31 3744015.45 401.43027 (16093007) 387826.23
3744056.86 435.34296 (15022622)
387826.23 3744106.86 207.59841 (16011922) 387827.44
3744016.29 723.36516 (15022622)
387689.52 3743645.82 160.27892 (16093007) 387689.52
3743695.82 207.64736 (16121307)
387689.52 3743745.82 295.44862 (16121307) 387739.52
3743645.82 140.33945 (19010421)
387739.52 3743695.82 185.02181 (16121307) 387739.52
3743745.82 283.86258 (16121307)
387789.52 3743645.82 227.27190 (18120320) 387789.52

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3743695.82      291.18531  (18120320)
        387789.52   3743745.82      413.36060  (15020308)                387839.52
3743645.82      240.33220  (16020620)
        387839.52   3743695.82      301.49140  (18010802)                387839.52
3743745.82      422.03853  (16022121)
        387889.52   3743645.82      249.65550  (18120320)                387889.52
3743695.82      292.66462  (18120320)
        387889.52   3743745.82      376.97961  (15120818)                387939.52
3743695.82      355.03554  (18120320)
        387939.52   3743745.82      457.99627  (15020308)                387989.52
3743745.82      471.13378  (16123108)
        387692.61   3743778.61      385.12054  (16121307)                387742.61
3743778.61      394.20233  (16121307)
        387792.61   3743778.61      592.95439  (15020308)                387842.61
3743778.61      567.16289  (16012208)
🡅 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                       ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:51:24

                                 PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
               L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
               L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
               L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        387892.61   3743778.61      500.14396  (15120808)                387942.61
3743778.61      586.88429  (15012521)
        387992.61   3743778.61      596.39365  (16021620)                387654.54
3743692.47      226.63690  (16010604)
        387654.54   3743742.47      298.31014  (16121307)                387705.59
3744244.86      100.10747  (18011818)
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        387705.59   3744294.86       88.04482  (19120722)              387755.59
3744244.86      104.93597  (19120722)
        387755.59   3744294.86       90.92481  (19120722)              387755.59
3744344.86       77.70715  (19120722)
        387755.59   3744394.86       65.66208  (19120722)              387805.59
3744294.86       87.42294  (19120722)
        387805.59   3744344.86       71.30706  (19120722)              387805.59
3744394.86       57.84360  (19120722)
        387805.59   3744444.86       46.81174  (19120722)              387805.59
3744494.86       39.09294  (19022518)
        387805.59   3744544.86       35.64541  (19120720)              387855.59
3744444.86       46.56149  (19122817)
        387855.59   3744494.86       42.49210  (19122817)              387855.59
3744544.86       39.02323  (19122817)
        387855.59   3744594.86       36.03126  (19122817)              387905.59
3744544.86       42.14851  (18122117)
        387905.59   3744594.86       38.69800  (18122117)              387905.59
3744644.86       35.71501  (18122117)
        387905.59   3744694.86       33.11776  (18122117)              387955.59
3744644.86       36.47036  (18122117)
        387463.28   3744230.92      177.00734  (15022622)              387463.28
3744280.92      134.72566  (15022622)
        387463.28   3744330.92       90.18942  (15022622)              387513.28
3744230.92      170.86216  (15022622)
        387513.28   3744280.92      117.31312  (15022622)              387513.28
3744330.92       71.33320  (15022622)
        387513.28   3744380.92       61.62968  (15012024)              387513.28
3744430.92       57.36885  (18011818)
        387513.28   3744480.92       53.26204  (18011818)              387563.28
3744230.92      154.40413  (15022622)
        387563.28   3744280.92       94.88968  (15022622)              387563.28
3744330.92       70.74778  (15012024)
        387563.28   3744380.92       65.34743  (18011818)              387563.28
3744430.92       59.75467  (18011818)
        387563.28   3744480.92       54.78216  (18020124)              387563.28
3744530.92       51.09066  (19120722)
        387563.28   3744580.92       47.26381  (19120722)              387563.28
3744630.92       43.17535  (19120722)
        387613.28   3744230.92      128.76487  (15022622)              387613.28
3744280.92       82.48060  (18020118)
        387613.28   3744330.92       75.30500  (18011818)              387613.28
3744380.92       67.91415  (16011522)
        387613.28   3744430.92       62.05570  (18020124)              387613.28
3744480.92       57.10579  (19120722)
        387613.28   3744530.92       51.86693  (19120722)              387613.28
3744580.92       46.53773  (19120722)
        387613.28   3744630.92       41.32994  (19120722)              387613.28
3744680.92       36.39966  (19120722)
        387663.28   3744330.92       78.10320  (19010622)              387663.28
3744380.92       70.93414  (19120722)
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        387663.28   3744430.92       63.95098  (19120722)                387663.28
3744480.92       56.85729  (19120722)
        387663.28   3744530.92       49.97513  (19120722)                387663.28
3744580.92       43.52119  (19120722)
        387663.28   3744630.92       37.62400  (19120722)                387663.28
3744680.92       32.34949  (19120722)
        387713.28   3744480.92       53.42103  (19120722)                387713.28
3744530.92       45.48522  (19120722)
        387713.28   3744580.92       38.51414  (19120722)                387713.28
3744630.92       32.48898  (19120722)
        387713.28   3744680.92       27.51219  (18020601)                387763.28
3744580.92       32.92402  (18020601)
        387763.28   3744630.92       30.22023  (19022518)                387763.28
3744680.92       27.96626  (19120720)
        387813.28   3744680.92       29.43044  (19122817)                387465.01
3744212.81      188.70229  (15022622)
        387515.01   3744212.81      188.68030  (15022622)                387565.01
3744212.81      177.41014  (15022622)
        387615.01   3744212.81      154.31583  (15022622)                387436.03
3744192.12      192.63965  (19121401)
        386968.99   3743502.23       69.36732  (15021221)                386968.99
3743552.23       69.43059  (15012520)
        386968.99   3743602.23       69.75245  (18010707)                386968.99
3743652.23       70.84758  (15021119)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:51:24

                                    PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                   L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                   L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                   L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                                *** 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)
 -
- -
        386968.99   3743702.23   70.27316 (16020819)   386968.99
3743752.23   74.82523 (18011823)
        386968.99   3743802.23   96.08219 (18011823)   386968.99
3743852.23   112.51946 (18011823)
        386968.99   3743902.23   119.06033 (16020222)   386968.99
3743952.23   119.45333 (15021706)
        386968.99   3744002.23   117.92957 (15020404)   386968.99
3744052.23   114.31399 (17021624)
        386968.99   3744102.23   113.18033 (16022924)   386968.99
3744152.23   109.75576 (19020322)
        387018.99   3743502.23   73.59281 (18011906)   387018.99
3743552.23   74.57657 (15021221)
        387018.99   3743602.23   75.09768 (15012520)   387018.99
3743652.23   75.33994 (15021119)
        387018.99   3743702.23   75.92372 (15021119)   387018.99
3743752.23   77.83991 (18011823)
        387018.99   3743802.23   101.23992 (18011823)   387018.99
3743852.23   119.53197 (18011823)
        387018.99   3743902.23   126.86981 (16020222)   387018.99
3743952.23   127.08207 (15021706)
        387018.99   3744002.23   125.03443 (15020404)   387018.99
3744052.23   122.18953 (17021624)
        387018.99   3744102.23   120.23536 (16022924)   387018.99
3744152.23   116.64167 (19020322)
        387068.99   3743502.23   78.54760 (16121001)   387068.99
3743552.23   80.27661 (15021221)
        387068.99   3743602.23   80.72466 (15012520)   387068.99
3743652.23   80.43742 (15010719)
        387068.99   3743702.23   82.24308 (15021119)   387068.99
3743752.23   81.13970 (18011823)
        387068.99   3743802.23   106.92700 (18011823)   387068.99
3743852.23   127.28356 (18011823)
        387068.99   3743902.23   135.54195 (16020222)   387068.99
3743952.23   135.53544 (15021706)
        387068.99   3744002.23   132.83925 (15020404)   387068.99
3744052.23   130.66947 (17021624)
        387068.99   3744102.23   127.49534 (16022924)   387068.99
3744152.23   123.38521 (19020322)
        387118.99   3743502.23   85.47660 (17020122)   387118.99
3743552.23   86.05359 (18011906)
        387118.99   3743602.23   86.64595 (15021221)   387118.99
3743652.23   87.36645 (18010707)
        387118.99   3743702.23   89.09613 (15021119)   387118.99
3743752.23   86.71629 (16020819)
        387118.99   3743802.23   113.28857 (18011823)   387118.99
3743852.23   135.95698 (18011823)
        387118.99   3743902.23   145.26244 (16020222)   387118.99

3743952.23   145.00884 (15021706)
        387118.99   3744002.23   141.57695 (19020402)   387118.99
3744052.23   139.79283 (17021624)
        387118.99   3744102.23   135.29532 (15022104)   387118.99
3744152.23   130.89357 (17021401)
        387168.99   3743502.23   93.58150 (18011907)   387168.99
3743552.23   92.40311 (16121001)
        387168.99   3743602.23   94.69711 (15021221)   387168.99
3743652.23   95.47102 (15012520)
        387168.99   3743702.23   96.49195 (15021119)   387168.99
3743752.23   95.30076 (16020819)
        387168.99   3743802.23   120.47366 (18011823)   387168.99
3743852.23   145.66509 (18011823)
        387168.99   3743902.23   156.18643 (16020222)   387168.99
3743952.23   155.70096 (15021706)
        387168.99   3744002.23   152.07946 (19020402)   387168.99
3744052.23   149.59801 (17021624)
        387168.99   3744102.23   143.94349 (15022104)   387168.99
3744152.23   139.69271 (17021401)
        387218.99   3743502.23   102.05591 (18011907)   387218.99
3743552.23   101.56999 (17020122)
        387218.99   3743602.23   102.83922 (18011906)   387218.99
3743652.23   104.11892 (15012520)
        387218.99   3743702.23   104.43746 (15021119)   387218.99
3743752.23   105.07152 (15021119)
        387218.99   3743802.23   128.64215 (18011823)   387218.99
3743852.23   156.62202 (18011823)
        387218.99   3743902.23   168.57046 (16020222)   387218.99
3743952.23   167.89334 (15021706)
        387218.99   3744002.23   163.83178 (19020402)   387218.99
3744052.23   160.14103 (17021624)
        387218.99   3744102.23   154.87996 (19020322)   387218.99
3744152.23   149.15226 (17121605)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                   L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                   L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                   L0000591   , L0000592   , L0000593   , L0000594   , L0000595

, L0000596   , L0000597   , . . .   ,

*** 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)
387268.99	3743502.23	112.50586	(17011522)	387268.99	3743552.23	112.15673	(18011907)
387268.99	3743602.23	111.60073	(16121001)	387268.99	3743652.23	114.80609	(15021221)
387268.99	3743702.23	115.12785	(18010707)	387268.99	3743752.23	116.73907	(15021119)
387268.99	3743802.23	138.16681	(18011823)	387268.99	3743852.23	169.03729	(18011823)
387268.99	3743902.23	182.62600	(16020222)	387268.99	3743952.23	181.91849	(15021706)
387268.99	3744002.23	177.09699	(19020402)	387268.99	3744052.23	173.39386	(16022924)
387268.99	3744102.23	166.41147	(19020322)	387268.99	3744152.23	159.10112	(16022221)
387318.99	3743552.23	123.22604	(17011522)	387318.99	3743602.23	124.98697	(18011907)
387318.99	3743652.23	127.26247	(18011906)	387318.99	3743702.23	128.87239	(15012520)
387318.99	3743752.23	130.07532	(15021119)	387318.99	3743802.23	149.57674	(18011823)
387318.99	3743852.23	183.21023	(18011823)	387318.99	3743902.23	198.67468	(16020222)
387318.99	3743952.23	198.48537	(15020404)	387318.99	3744002.23	192.17545	(19020402)
387318.99	3744052.23	188.21184	(16022924)	387318.99	3744102.23	179.55738	(17021401)
387318.99	3744152.23	173.02118	(16022221)	387368.99	3743652.23	141.75698	(18011906)
387368.99	3743702.23	144.57207	(15012520)	387368.99	3743752.23	145.56202	(15021119)
387368.99	3743802.23	163.59474	(18011823)	387368.99	3743852.23	199.48597	(18011823)
387368.99	3743902.23	217.27563	(18011823)	387368.99	3743952.23	217.93693	(15020404)
387368.99	3744002.23	210.65297	(17021624)	387357.30	3743511.78	139.68330	(16121307)
387407.30	3743561.78	151.40620	(16121307)	387407.30	3743611.78	153.69520	(16121307)

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        387453.88   3743868.51      242.56950  (18011823)                387453.88
3743918.51      261.65037  (15021706)
        387453.88   3743968.51      260.68774  (15020404)                387453.88
3744018.51      249.19217  (17021624)
        387453.88   3744068.51      235.16254  (17021401)                387503.88
3743968.51      295.52159  (15020404)
        387503.88   3744018.51      280.36923  (16022924)                387503.88
3744068.51      260.32811  (17121605)
        387503.88   3744118.51      239.49365  (18010823)                387553.88
3744068.51      292.35573  (16022221)
        387553.88   3744118.51      262.16057  (19121401)                387015.27
3744263.55      109.86418  (16022221)
        387015.27   3744313.55      105.08823  (18010823)                387015.27
3744363.55      101.51456  (18020802)
        387015.27   3744413.55       96.87405  (19121401)                387015.27
3744463.55       91.12424  (15022622)
        387015.27   3744513.55       79.40647  (15022622)                387015.27
3744563.55       64.26482  (15022622)
        387015.27   3744613.55       48.58871  (15022622)                387015.27
3744663.55       34.60597  (15022622)
        387015.27   3744713.55       27.87835  (17020523)                387015.27
3744763.55       26.80123  (19011123)
        387015.27   3744813.55       25.81919  (17011202)                387015.27
3744863.55       24.94494  (17011202)
        387065.27   3744263.55      115.05197  (16022221)                387065.27
3744313.55      110.37145  (16010324)
        387065.27   3744363.55      106.85384  (19121401)                387065.27
3744413.55      100.75884  (15022622)
        387065.27   3744463.55       90.49840  (15022622)                387065.27
3744513.55       74.97235  (15022622)
        387065.27   3744563.55       57.64601  (15022622)                387065.27
3744613.55       41.46206  (15022622)
        387065.27   3744663.55       30.11301  (18020122)                387065.27
3744713.55       28.79673  (19011123)
        387065.27   3744763.55       27.68895  (17011202)                387065.27
3744813.55       26.71175  (18020118)
        387065.27   3744863.55       25.88543  (15012024)                387115.27
3744263.55      120.47088  (17011124)
        387115.27   3744313.55      116.04794  (18020802)                387115.27
3744363.55      110.15398  (19121401)
        387115.27   3744413.55      102.39808  (15022622)                387115.27
3744463.55       87.23099  (15022622)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                       ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:51:24

                                  PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 ,
L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 ,
L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** 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)
387115.27	3744513.55	68.44559	(15022622)	387115.27	3744563.55	49.86371	(15022622)
387115.27	3744613.55	34.35888	(19102722)	387115.27	3744663.55	31.08867	(17020523)
387115.27	3744713.55	29.81903	(19011123)	387115.27	3744763.55	28.71730	(18020118)
387115.27	3744813.55	27.74295	(15012024)	387115.27	3744863.55	26.47795	(18011818)
387165.27	3744263.55	127.56760	(18010823)	387165.27	3744313.55	122.73828	(19121401)
387165.27	3744363.55	114.80389	(15022622)	387165.27	3744413.55	101.05024	(15022622)
387165.27	3744463.55	81.25656	(15022622)	387165.27	3744513.55	60.16356	(15022622)
387165.27	3744563.55	41.46312	(15022622)	387165.27	3744613.55	33.78869	(17020523)
387165.27	3744663.55	32.29251	(19011123)	387165.27	3744713.55	31.00580	(18020118)
387165.27	3744763.55	29.84989	(15012024)	387165.27	3744813.55	28.51738	(18011818)
387165.27	3744863.55	27.70537	(18011818)	387215.27	3744263.55	134.65358	(18020802)
387215.27	3744313.55	127.16976	(15022622)	387215.27	3744363.55	116.32793	(15022622)
387215.27	3744413.55	96.34449	(15022622)	387215.27	3744463.55	72.79181	(15022622)
387215.27	3744513.55	50.71401	(15022622)	387215.27	3744563.55	36.91110	(17020523)
387215.27	3744613.55	35.14975	(19011123)	387215.27			

3744663.55 33.63603 (18020118)
387215.27 3744713.55 32.25470 (15012024) 387215.27
3744763.55 30.83497 (18011818)
387215.27 3744813.55 29.79553 (18011818) 387215.27
3744863.55 28.34982 (18011818)
387265.27 3744263.55 143.33142 (19121401) 387265.27
3744313.55 132.66354 (15022622)
387265.27 3744363.55 113.88958 (15022622) 387265.27
3744413.55 88.24030 (15022622)
387265.27 3744463.55 62.39402 (15022622) 387265.27
3744513.55 41.21708 (19102722)
387265.27 3744563.55 38.47737 (19011123) 387265.27
3744613.55 36.68638 (18020118)
387265.27 3744663.55 35.01845 (15012024) 387265.27
3744713.55 33.48247 (18011818)
387265.27 3744763.55 32.15424 (18011818) 387265.27
3744813.55 30.45300 (16011522)
387265.27 3744863.55 28.99015 (19010622) 387315.27
3744263.55 149.42436 (15022622)
387315.27 3744313.55 133.89449 (15022622) 387315.27
3744363.55 107.06971 (15022622)
387315.27 3744413.55 77.18124 (15022622) 387315.27
3744463.55 50.95063 (15022622)
387315.27 3744513.55 42.40434 (19011123) 387315.27
3744563.55 40.26123 (18020118)
387315.27 3744613.55 38.22860 (15012024) 387315.27
3744663.55 36.53113 (18011818)
387315.27 3744713.55 34.83231 (18011818) 387315.27
3744763.55 32.90357 (16011522)
387315.27 3744813.55 31.16678 (19010622) 387315.27
3744863.55 29.78914 (18020124)
387365.27 3744263.55 156.09656 (15022622) 387365.27
3744313.55 129.77369 (15022622)
387365.27 3744363.55 95.96014 (15022622) 387365.27
3744413.55 64.09271 (15022622)
387365.27 3744463.55 47.08945 (19011123) 387365.27
3744513.55 44.49609 (18020118)
387365.27 3744563.55 41.98634 (15012024) 387365.27
3744613.55 40.06825 (18011818)
387365.27 3744663.55 37.88387 (18011818) 387365.27
3744713.55 35.65703 (16011522)
387365.27 3744763.55 33.59768 (18020124) 387365.27
3744813.55 32.16009 (18020124)
387365.27 3744863.55 30.56425 (19120722) 387415.27
3744313.55 119.76894 (15022622)
387415.27 3744363.55 81.37252 (15022622) 387415.27
3744413.55 52.76371 (19011123)
387415.27 3744463.55 49.58202 (18020118) 387415.27
3744513.55 46.43375 (15012024)
387415.27 3744563.55 44.19784 (18011818) 387415.27

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                   L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                   L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                   L0000591   , L0000592   , L0000593   , L0000594   , L0000595
, L0000596   , L0000597   , . . .   ,

                                                *** 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)
 -
- -
        387415.27   3744663.55   38.82695 (19010622)   387415.27
3744713.55   36.69244 (18020124)
        387415.27   3744763.55   34.78181 (19120722)   387415.27
3744813.55   32.84371 (19120722)
        387415.27   3744863.55   30.69829 (19120722)   387465.27
3744513.55   49.07099 (18011818)
        387465.27   3744563.55   45.57906 (16011522)   387465.27
3744613.55   42.49122 (19010622)
        387465.27   3744663.55   40.14910 (18020124)   387465.27
3744713.55   37.79815 (19120722)
        387465.27   3744763.55   35.26199 (19120722)   387465.27
3744813.55   32.56270 (19120722)
        387465.27   3744863.55   29.80691 (19120722)   387515.27
3744663.55   41.07142 (19120722)
        387515.27   3744713.55   37.79335 (19120722)   387515.27
3744763.55   34.43090 (19120722)
        387515.27   3744813.55   31.10330 (19120722)   387515.27
3744863.55   27.89928 (19120722)
        387565.27   3744813.55   28.54373 (19120722)   387565.27
3744863.55   25.12047 (19120722)

```
        387524.44   3742913.36       55.66723  (18120320)                387574.44
3742963.36       54.73093  (16020620)
        387574.44   3743013.36       59.69699  (16020620)                387624.44
3742963.36       49.20108  (18120320)
        387624.44   3743013.36       53.10052  (16022521)                387624.44
3743063.36       57.69061  (16121207)
        387674.44   3742963.36       50.05404  (18120320)                387674.44
3743013.36       51.73819  (18120320)
        387674.44   3743063.36       53.72748  (18120320)                387674.44
3743113.36       56.09650  (18120320)
        387724.44   3742963.36       56.44044  (18120320)                387724.44
3743013.36       58.31091  (18120320)
        387724.44   3743063.36       60.37193  (18120320)                387724.44
3743113.36       62.61002  (18120320)
        387774.44   3742963.36       66.93400  (18120320)                387774.44
3743013.36       69.53381  (18120320)
        387774.44   3743063.36       72.41616  (18120320)                387774.44
3743113.36       75.63624  (18120320)
        387774.44   3743163.36       79.26385  (18120320)                387824.44
3742963.36       79.23649  (18120320)
        387824.44   3743013.36       82.85752  (18120320)                387824.44
3743063.36       86.87908  (18120320)
        387824.44   3743113.36       91.38311  (18120320)                387824.44
3743163.36       96.46142  (18120320)
        387824.44   3743213.36      102.24601  (18120320)                387874.44
3742963.36       90.23169  (18120320)
        387874.44   3743013.36       94.73693  (18120320)                387874.44
3743063.36       99.69332  (18120320)
        387874.44   3743113.36      105.15030  (18120320)                387874.44
3743163.36      111.20808  (18120320)
        387874.44   3743213.36      117.97000  (18120320)                387874.44
3743263.36      125.49261  (18120320)
        387924.44   3742963.36       97.06290  (18120320)                387924.44
3743013.36      102.21597  (18120320)
        387924.44   3743063.36      107.86386  (18120320)                387924.44
3743113.36      114.06358  (18120320)
        387924.44   3743163.36      120.89285  (18120320)                387924.44
3743213.36      128.49397  (18120320)
        387924.44   3743263.36      137.00807  (18120320)                387924.44
3743313.36      146.64101  (18120320)
        387974.44   3742963.36       98.40988  (15021923)                387974.44
3743013.36      103.78081  (15021923)
        387974.44   3743063.36      109.68268  (15021923)                387974.44
3743113.36      116.20125  (15021923)
        387974.44   3743163.36      123.41450  (15021923)                387974.44
3743213.36      131.53943  (15021923)
        387974.44   3743263.36      140.69666  (15021923)                387974.44
3743313.36      151.33873  (18120320)
        387974.44   3743363.36      163.74017  (18120320)                388024.44
3742963.36       97.33987  (16011220)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 , L0000573 , L0000574 ,
L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 ,
L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , . . . ,

*** 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)
388024.44	3743013.36	102.79306	(16011220)	388024.44	3743063.36	108.82965	(16020620)
388024.44	3743113.36	115.52853	(16020620)	388024.44	3743163.36	123.03025	(16020620)
388024.44	3743213.36	131.46107	(16020620)	388024.44	3743263.36	140.90880	(16020620)
388024.44	3743313.36	151.78202	(16020620)	388024.44	3743363.36	164.32189	(16020620)
388024.44	3743413.36	179.13172	(16020620)	388074.44	3742963.36	97.80300	(16020620)
388074.44	3743013.36	102.89753	(16020620)	388074.44	3743063.36	108.43620	(16020620)
388074.44	3743113.36	114.52557	(16020620)	388074.44	3743163.36	122.17850	(18010802)
388074.44	3743213.36	130.84882	(18010802)	388074.44	3743263.36	140.53186	(18010802)
388074.44	3743313.36	151.47385	(18010802)	388074.44	3743363.36	164.06192	(18010802)
388074.44	3743413.36	178.47631	(18010802)	388074.44	3743463.36	195.94190	(15020906)
388124.44	3742963.36	97.76453	(18010802)	388124.44			

```
3743013.36      103.02488  (18010802)
        388124.44   3743063.36      108.62313  (18010802)                388124.44
3743113.36      115.33910  (15020906)
        388124.44   3743163.36      122.75326  (15020906)                388124.44
3743213.36      130.72776  (15020906)
        388124.44   3743263.36      139.51497  (15020906)                388124.44
3743313.36      150.35356  (16022521)
        388124.44   3743363.36      162.98451  (16022521)                388124.44
3743413.36      177.16005  (16022521)
        388174.44   3742963.36       96.98891  (15020906)                388174.44
3743013.36      101.78622  (15020906)
        388174.44   3743063.36      107.82242  (16022521)                388174.44
3743113.36      114.71560  (16022521)
        388174.44   3743163.36      121.70235  (16022521)                388174.44
3743213.36      129.12992  (16022521)
        388174.44   3743263.36      137.61621  (16121207)                388174.44
3743313.36      147.68815  (17020221)
        388174.44   3743363.36      160.18422  (15011820)                388174.44
3743413.36      173.93852  (15011820)
        388224.44   3742963.36       96.33260  (16022521)                388224.44
3743013.36      101.08725  (17021220)
        388224.44   3743063.36      106.13369  (16121207)                388224.44
3743113.36      112.09675  (18122404)
        388224.44   3743163.36      119.30874  (17020221)                388224.44
3743213.36      127.41413  (15011820)
        388224.44   3743263.36      135.81296  (16121421)                388224.44
3743313.36      146.12011  (16121421)
        388224.44   3743363.36      157.54750  (19120702)                388274.44
3742963.36       94.27210  (17020221)
        388274.44   3743013.36       99.59721  (17020221)                387475.71
3743311.02      219.78616  (19020702)
        387490.71   3743311.02      260.95172  (19020702)                387451.13
3743316.16      200.57193  (17122908)
        387379.86   3743317.08      195.28776  (16121307)                387399.86
3743317.08      197.95595  (16021108)
        387419.86   3743317.08      200.94546  (16021108)                387439.86
3743317.08      203.26767  (19012408)
        387019.21   3742972.33       22.01634  (17022606)                387019.21
3743022.33       28.43954  (16121307)
        387019.21   3743072.33       39.41486  (15020607)                387019.21
3743122.33       51.62627  (15020607)
        387019.21   3743172.33       62.02494  (15020607)                387019.21
3743222.33       68.27159  (15020607)
        387019.21   3743272.33       70.63211  (15020607)                387019.21
3743322.33       71.59556  (15020607)
        387069.21   3742972.33       23.46943  (19012422)                387069.21
3743022.33       24.67278  (17022606)
        387069.21   3743072.33       34.55963  (16121307)                387069.21
3743122.33       48.17132  (15020607)
        387069.21   3743172.33       62.06987  (15020607)                387069.21
```

3743222.33   71.72397 (15020607)
        387069.21   3743272.33   75.09690 (15020607)   387069.21
3743322.33   76.00312 (15020607)
        387119.21   3742972.33   25.78259 (18090707)   387119.21
3743022.33   26.51582 (19012422)
        387119.21   3743072.33   29.02457 (16121307)   387119.21
3743122.33   42.95679 (16121307)
        387119.21   3743172.33   60.05846 (15020607)   387119.21
3743222.33   75.28374 (15020607)
        387119.21   3743272.33   81.47054 (15020607)   387119.21
3743322.33   80.82541 (15020607)
        387169.21   3742972.33   28.35013 (18090707)   387169.21
3743022.33   30.10758 (18090707)
        387169.21   3743072.33   30.44175 (19012422)   387169.21
3743122.33   36.44032 (16121307)
        387169.21   3743172.33   55.06538 (16121307)   387169.21
3743222.33   77.17198 (15020607)
        387169.21   3743272.33   91.63855 (15020607)   387169.21
3743322.33   88.31046 (15020607)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000570   , L0000571
, L0000572   , L0000573   , L0000574   ,
                   L0000575   , L0000576   , L0000577   , L0000578   , L0000579
, L0000580   , L0000581   , L0000582   ,
                   L0000583   , L0000584   , L0000585   , L0000586   , L0000587
, L0000588   , L0000589   , L0000590   ,
                   L0000591   , L0000592   , L0000593   , L0000594   , L0000595
, L0000596   , L0000597   , . . .   ,

                                                *** 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)
 -
- -
        387219.21   3742972.33   27.87250 (18090707)   387219.21
3743022.33   32.01588 (18090707)

```
        387219.21   3743072.33       35.44345  (18090707)                387219.21
3743122.33       37.44870  (18090707)
        387219.21   3743172.33       47.53752  (16121307)                387219.21
3743222.33       73.92412  (16121307)
        387219.21   3743272.33      104.84854  (15020607)                387219.21
3743322.33      107.66826  (15020607)
        387269.21   3742972.33       27.02725  (16020820)                387269.21
3743022.33       30.22786  (18090707)
        387269.21   3743072.33       36.27696  (18090707)                387269.21
3743122.33       42.15846  (18090707)
        387269.21   3743172.33       47.09856  (18090707)                387269.21
3743222.33       66.03998  (16121307)
        387269.21   3743272.33      108.46836  (16121307)                387269.21
3743322.33      176.69223  (15020607)
        387319.21   3742972.33       27.55037  (19113016)                387319.21
3743022.33       30.00689  (19113016)
        387319.21   3743072.33       33.92735  (16020820)                387319.21
3743122.33       41.34782  (18090707)
        387319.21   3743172.33       51.11775  (18090707)                387319.21
3743222.33       61.29750  (18090707)
        387319.21   3743272.33      103.39427  (16121307)                387319.21
3743322.33      217.77336  (16121307)
        387369.21   3742972.33       32.29975  (18120320)                387369.21
3743022.33       35.03761  (18120320)
        387369.21   3743072.33       38.60984  (18120320)                387369.21
3743122.33       43.66519  (19020702)
        387369.21   3743172.33       52.03954  (15012521)                387369.21
3743222.33       65.88010  (15012521)
        387369.21   3743272.33       94.75559  (19120808)                387419.21
3742972.33       44.25362  (18120320)
        387419.21   3743022.33       47.73602  (18120320)                387419.21
3743072.33       51.80630  (18120320)
        387419.21   3743122.33       56.82192  (18120320)                387419.21
3743172.33       63.80411  (19030603)
        387419.21   3743222.33       75.91857  (19020702)                387419.21
3743272.33      103.17948  (19120808)
        387469.21   3743072.33       71.89206  (18120320)                387469.21
3743122.33       82.44920  (18120320)
        387469.21   3743172.33       96.69757  (18120320)                387469.21
3743222.33      116.91023  (18120320)
        387469.21   3743272.33      147.97474  (18120320)                387578.38
3743390.44      140.12362  (18122619)
        387608.38   3743390.44      116.82373  (18122619)                387638.38
3743390.44      100.87630  (15120723)
        387369.87   3743365.20      255.80711  (17021208)                387399.87
3743365.20      254.83916  (17021208)
        387429.87   3743365.20      252.80814  (16093007)                387459.87
3743365.20      267.48192  (16093007)
        387489.87   3743365.20      308.03400  (16093007)                387489.87
3743395.20      270.45263  (16093007)
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        388754.52   3743939.25      209.12964  (17021302)                388754.52
3743989.25      162.14344  (17021302)
        388754.52   3744039.25       93.61304  (18122619)                388754.52
3744089.25       47.53260  (18122619)
        388754.52   3744139.25       27.25354  (18122619)                388754.52
3744189.25       20.27126  (17091307)
        388804.52   3743889.25      203.81746  (17123021)                388804.52
3743939.25      205.01315  (17122922)
        388804.52   3743989.25      159.14653  (17122922)                388804.52
3744039.25       90.06824  (18122619)
        388804.52   3744089.25       63.15603  (18020602)                388804.52
3744139.25       27.62369  (18122619)
        388804.52   3744189.25       19.72562  (17091307)                388804.52
3744239.25       16.15985  (16093007)
        388804.52   3744289.25       16.70863  (15042107)                388854.52
3743889.25      195.18381  (17123021)
        388854.52   3743939.25      195.37918  (17122922)                388854.52
3743989.25      152.57211  (17122922)
        388854.52   3744039.25       87.66753  (18122619)                388854.52
3744089.25       78.31434  (19010419)
        388854.52   3744139.25       35.98851  (17020506)                388854.52
3744189.25       19.05598  (17091307)
        388854.52   3744239.25       15.81890  (17091307)                388854.52
3744289.25       14.64282  (15042107)
        388854.52   3744339.25       15.47395  (15042107)                388904.52
3743889.25      186.32356  (17123021)
        388904.52   3743939.25      185.53968  (17122922)                388904.52
3743989.25      146.18287  (17122922)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24

                                   PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                  L0000575    , L0000576    , L0000577    , L0000578    , L0000579
, L0000580    , L0000581    , L0000582    ,
                  L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                  L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
388904.52	3744039.25	85.40284	(18122619)	388904.52	3744089.25	79.36452	(19010419)
388904.52	3744139.25	79.66951	(18011702)	388904.52	3744189.25	52.27779	(18120302)
388904.52	3744239.25	31.49786	(19012218)	388904.52	3744289.25	15.28888	(19020920)
388904.52	3744339.25	13.89960	(15042107)	388904.52	3744389.25	14.19887	(18102208)
388904.52	3744439.25	15.07614	(18102208)	388954.52	3743939.25	176.93232	(17122922)
388954.52	3743989.25	140.85887	(17122922)	388954.52	3744039.25	83.31684	(16101422)
388954.52	3744089.25	81.89777	(19010419)	388954.52	3744139.25	83.42671	(18010106)
388882.82	3743721.97	172.90912	(16121402)	388882.82	3743771.97	180.66406	(15011722)
388932.82	3743721.97	168.65320	(15011122)	388932.82	3743771.97	173.89067	(15011722)
388932.82	3743821.97	178.69952	(16121101)	387765.02	3743382.77	98.79743	(18120320)
387815.02	3743382.77	125.68480	(18120320)	387815.02	3743432.77	137.45766	(18120320)
387865.02	3743382.77	144.70485	(18120320)	387865.02	3743432.77	156.27330	(18120320)
387915.02	3743382.77	160.01034	(18120320)	387915.02	3743432.77	173.13968	(18120320)
387965.02	3743432.77	184.48263	(18120320)	387713.39	3743372.67	80.25830	(15120723)
387763.39	3743422.67	104.57918	(18120320)	387583.29	3743113.63	71.88518	(16022521)
387583.29	3743163.63	82.52840	(16121207)	387583.29	3743213.63	96.08937	(17013020)
387583.29	3743263.63	112.69626	(15120818)	387633.29	3743163.63	68.65583	(15120818)
387633.29	3743213.63	75.42946	(17120618)	387633.29	3743263.63	83.09130	(16021605)
387633.29	3743313.63	101.77787	(19120602)	387683.29	3743263.63	69.47292	(18020321)
387683.29	3743313.63	81.76614	(16012602)	388242.48	3743969.33	420.70987	(15120723)
388242.48	3744019.33	172.10948	(18122619)	388242.48	3744069.33	93.14804	(16093007)
388242.48	3744119.33	85.02149	(16071707)	388242.48			

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3744169.33       71.51439  (16071707)
        388242.48   3744219.33       66.53633  (15121020)                388242.48
3744269.33       64.49432  (15121020)
        388242.48   3744319.33       61.26103  (15121020)                388242.48
3744369.33       57.33721  (15121020)
        388242.48   3744419.33       53.06836  (15121020)                388242.48
3744469.33       48.70605  (15121020)
        388292.48   3743969.33      337.42425  (15120723)                388292.48
3744019.33      162.56979  (18122619)
        388292.48   3744069.33       73.95598  (16093007)                388292.48
3744119.33       67.01335  (18102208)
        388292.48   3744169.33       64.78822  (16071707)                388292.48
3744219.33       56.13989  (16071707)
        388292.48   3744269.33       50.93843  (15121020)                388292.48
3744319.33       51.10982  (15121020)
        388292.48   3744369.33       50.10507  (15121020)                388292.48
3744419.33       48.22688  (15121020)
        388292.48   3744469.33       45.76414  (15121020)                388292.48
3744519.33       42.94840  (15121020)
        388292.48   3744569.33       39.95877  (15121020)                388780.42
3742965.27      101.73328  (15021922)
        388780.42   3743015.27      107.44729  (18011502)                388780.42
3743065.27      110.70075  (16012102)
        388780.42   3743115.27      113.52406  (16021023)                388780.42
3743165.27      117.34881  (19012619)
        388780.42   3743215.27      121.59571  (16021522)                388830.42
3742965.27      100.87493  (18011502)
        388830.42   3743015.27      105.92919  (16012102)                388830.42
3743065.27      110.62054  (16021607)
        388830.42   3743115.27      114.94487  (19012619)                388830.42
3743165.27      119.45458  (16021522)
        388880.42   3742965.27      101.98478  (17012922)                388880.42
3743015.27      105.23181  (16021607)
        388880.42   3743065.27      109.64412  (16011823)                388880.42
3743115.27      113.55499  (18021722)
        388880.42   3743165.27      117.54702  (16021522)                388930.42
3742965.27      101.12025  (16021607)
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***        14:51:24

                                    PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     L0000570    , L0000571
, L0000572    , L0000573    , L0000574    ,
                 L0000575    , L0000576    , L0000577    , L0000578    , L0000579
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, L0000580    , L0000581    , L0000582    ,
                L0000583    , L0000584    , L0000585    , L0000586    , L0000587
, L0000588    , L0000589    , L0000590    ,
                L0000591    , L0000592    , L0000593    , L0000594    , L0000595
, L0000596    , L0000597    ,  . . .      ,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        388930.42   3743015.27      104.07776  (16011823)                388930.42
3743065.27      108.20133  (18021722)
        388930.42   3743115.27      112.62280  (16021522)                388930.42
3743165.27      115.65753  (16021201)
↑ *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                       ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        14:51:24

                                 PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
               **


                       NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

GEN       1ST HIGHEST VALUE IS       0.05824 AT (  387827.44,  3744016.29,    10.87,
   10.87,    0.00)  DC
          2ND HIGHEST VALUE IS       0.05281 AT (  387863.31,  3744015.45,    10.99,
   10.99,    0.00)  DC
          3RD HIGHEST VALUE IS       0.04852 AT (  387862.10,  3744056.02,    10.82,
   10.82,    0.00)  DC
          4TH HIGHEST VALUE IS       0.04531 AT (  387826.23,  3744056.86,    10.66,
   10.66,    0.00)  DC
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          5TH HIGHEST VALUE IS       0.03452 AT (  387912.10,  3744056.02,    11.18,
   11.18,    0.00)  DC
          6TH HIGHEST VALUE IS       0.03388 AT (  387862.10,  3744106.02,    10.30,
   10.30,    0.00)  DC
          7TH HIGHEST VALUE IS       0.03356 AT (  387826.23,  3744106.86,    10.67,
   10.67,    0.00)  DC
          8TH HIGHEST VALUE IS       0.03040 AT (  387912.10,  3744106.02,    10.69,
   10.69,    0.00)  DC
          9TH HIGHEST VALUE IS       0.02914 AT (  387913.31,  3744015.45,    11.10,
   11.10,    0.00)  DC
         10TH HIGHEST VALUE IS       0.02858 AT (  387757.26,  3744041.71,    10.73,
   10.73,    0.00)  DC

DOCKS     1ST HIGHEST VALUE IS      64.85872 AT (  387963.31,  3744015.45,    11.07,
   11.07,    0.00)  DC
          2ND HIGHEST VALUE IS      58.78231 AT (  388013.31,  3744015.45,    10.70,
   10.70,    0.00)  DC
          3RD HIGHEST VALUE IS      57.02480 AT (  387913.31,  3744015.45,    11.10,
   11.10,    0.00)  DC
          4TH HIGHEST VALUE IS      40.42954 AT (  388063.31,  3744015.45,     9.76,
    9.76,    0.00)  DC
          5TH HIGHEST VALUE IS      38.99126 AT (  387863.31,  3744015.45,    10.99,
   10.99,    0.00)  DC
          6TH HIGHEST VALUE IS      35.46993 AT (  387962.10,  3744056.02,    11.09,
   11.09,    0.00)  DC
          7TH HIGHEST VALUE IS      33.20850 AT (  388012.10,  3744056.02,    10.51,
   10.51,    0.00)  DC
          8TH HIGHEST VALUE IS      31.37863 AT (  387912.10,  3744056.02,    11.18,
   11.18,    0.00)  DC
          9TH HIGHEST VALUE IS      28.54489 AT (  387827.44,  3744016.29,    10.87,
   10.87,    0.00)  DC
         10TH HIGHEST VALUE IS      25.80231 AT (  387992.61,  3743778.61,     9.58,
    9.58,    0.00)  DC

HAUL      1ST HIGHEST VALUE IS     135.27367 AT (  387892.61,  3743778.61,     9.63,
    9.63,    0.00)  DC
          2ND HIGHEST VALUE IS     129.85237 AT (  387942.61,  3743778.61,     9.55,
    9.55,    0.00)  DC
          3RD HIGHEST VALUE IS     127.93125 AT (  387757.26,  3743841.71,    10.28,
   10.28,    0.00)  DC
          4TH HIGHEST VALUE IS     124.44481 AT (  387842.61,  3743778.61,     9.79,
    9.79,    0.00)  DC
          5TH HIGHEST VALUE IS     121.11548 AT (  387992.61,  3743778.61,     9.58,
    9.58,    0.00)  DC
          6TH HIGHEST VALUE IS     116.76546 AT (  387757.26,  3743891.71,    10.08,
   10.08,    0.00)  DC
          7TH HIGHEST VALUE IS      99.05017 AT (  387757.26,  3743941.71,    10.36,
   10.36,    0.00)  DC
          8TH HIGHEST VALUE IS      92.80663 AT (  387792.61,  3743778.61,    10.02,
   10.02,    0.00)  DC
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          9TH HIGHEST VALUE IS      85.84940 AT (  387707.26,  3743841.71,    10.50,
   10.50,    0.00)  DC
         10TH HIGHEST VALUE IS      82.37054 AT (  387489.87,  3743365.20,     8.71,
    8.71,    0.00)  DC

ONSITE    1ST HIGHEST VALUE IS      57.41556 AT (  387963.31,  3744015.45,    11.07,
   11.07,    0.00)  DC
          2ND HIGHEST VALUE IS      56.99136 AT (  388013.31,  3744015.45,    10.70,
   10.70,    0.00)  DC
          3RD HIGHEST VALUE IS      56.33369 AT (  387913.31,  3744015.45,    11.10,
   11.10,    0.00)  DC
          4TH HIGHEST VALUE IS      54.17648 AT (  388063.31,  3744015.45,     9.76,
    9.76,    0.00)  DC
          5TH HIGHEST VALUE IS      53.14345 AT (  387863.31,  3744015.45,    10.99,
   10.99,    0.00)  DC
          6TH HIGHEST VALUE IS      45.12719 AT (  387827.44,  3744016.29,    10.87,
   10.87,    0.00)  DC
          7TH HIGHEST VALUE IS      30.69025 AT (  387962.10,  3744056.02,    11.09,
   11.09,    0.00)  DC
          8TH HIGHEST VALUE IS      30.34844 AT (  388012.10,  3744056.02,    10.51,
   10.51,    0.00)  DC
          9TH HIGHEST VALUE IS      30.06582 AT (  387912.10,  3744056.02,    11.18,
   11.18,    0.00)  DC
         10TH HIGHEST VALUE IS      28.84338 AT (  388062.10,  3744056.02,     9.77,
    9.77,    0.00)  DC
*** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***       08/25/25
 *** AERMET - VERSION  22112 ***   ***
                         ***       14:51:24

                                   PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


                      NETWORK
GROUP ID                     AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS     168.00833 AT (  387992.61,  3743778.61,     9.58,
    9.58,    0.00)  DC
          2ND HIGHEST VALUE IS     165.40164 AT (  387942.61,  3743778.61,     9.55,
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   9.55,    0.00)  DC
         3RD HIGHEST VALUE IS     162.20581 AT (  387892.61,  3743778.61,     9.63,
   9.63,    0.00)  DC
         4TH HIGHEST VALUE IS     149.31710 AT (  387757.26,  3743841.71,    10.28,
  10.28,    0.00)  DC
         5TH HIGHEST VALUE IS     146.46437 AT (  387757.26,  3743891.71,    10.08,
  10.08,    0.00)  DC
         6TH HIGHEST VALUE IS     145.45336 AT (  387842.61,  3743778.61,     9.79,
   9.79,    0.00)  DC
         7TH HIGHEST VALUE IS     141.51480 AT (  387757.26,  3743941.71,    10.36,
  10.36,    0.00)  DC
         8TH HIGHEST VALUE IS     137.38784 AT (  387963.31,  3744015.45,    11.07,
  11.07,    0.00)  DC
         9TH HIGHEST VALUE IS     132.00030 AT (  387913.31,  3744015.45,    11.10,
  11.10,    0.00)  DC
        10TH HIGHEST VALUE IS     128.35286 AT (  388013.31,  3744015.45,    10.70,
  10.70,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                        ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        14:51:24

                                  PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

GEN      HIGH   1ST HIGH VALUE IS      51.86501  ON 19051310: AT (  387863.31,
3744015.45,    10.99,    10.99,    0.00)  DC

DOCKS    HIGH   1ST HIGH VALUE IS     389.49138  ON 15022622: AT (  387827.44,
3744016.29,    10.87,    10.87,    0.00)  DC
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HAUL     HIGH   1ST HIGH VALUE IS     588.72575  ON 15011008: AT (  387757.26,
3743841.71,    10.28,    10.28,    0.00)  DC

ONSITE   HIGH   1ST HIGH VALUE IS     360.72063  ON 17020622: AT (  387757.26,
3743991.71,    11.27,    11.27,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS     986.06521  ON 18011823: AT (  387757.26,
3743941.71,    10.36,    10.36,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** 3800 VIA ORO - OPERATIONS (OPTION1)
                          ***        08/25/25
 *** AERMET - VERSION  22112 ***   ***
                          ***       14:51:24

                                   PAGE 129
 *** 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            3 Warning Message(s)
 A Total of          916 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          689 Calm Hours Identified

 A Total of          227 Missing Hours Identified (  0.52 Percent)


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


    ********   WARNING MESSAGES   ********
 SO W320     522        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186     655       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     655       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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**********************************
*** AERMOD Finishes Successfully ***
**********************************
```

Cancer Burden Calculations

Option 1

33093	sq meter area of 1 in a million risk isopleth
4000	people/km2 AQMD rate*
0.0331	sq km
132.372	population within 1 in a million isopleth
1.56E-06	Max Cancer Risk in the 1 in one million isopleth
0.0002	Cancer Burden Worst-Case

*Source: https://www.aqmd.gov/docs/default-source/permitting/hra-procedures/hraprocedures9-0_103124.pdf?sfvrsn=ee5e8561_8